In the field of laboratory products, Joanlab is a better choice for distributors and users. Joanlab optimizes the user experience by incorporating customer desired innovation and safety.

High quality product is the hallmark of Joanlab. We are able to provide low cost products to our customers without compromising our high quality and safety. In the past nine years we have incorporated innovative automation in our manufacturing processes and pass on the savings to our customers. We design, modify and manufacture ergonomically, user-friendly and environmentally-friendly products. Our easy to use and reliable products allow our customers to focus on their research and be more productive.

Joanlab started as a small company and overcome all the challenges to become a strong established laboratory products company. Joanlab has an experienced and collaborative R&D, manufacturing and marketing & sales teams that are committed to providing high quality and safe products for our customers. Thanks to our valuable employees, partners, and customers; Joanlab develops at more rapid speed and offer better services for more customers.










Laboratory Glassware

BEAKER -- low form

Boro3.3 Glass

Item No.	Capacity (ml)	H (mm)	O.d. (mm)	Thickness (mm)	Packing
1101	5	30	22	1.5	20each/inner box, 20*50 each/ctn
1101	10	35	26	1.5	20each/inner box, 20*50 each/ctn
1101	25	50	34	1.5	20each/inner box, 20*28 each/ctn
1101	50	60	42	1.6	12each/inner box, 12*24 each/ctn
1101	100	70	50	1.8	12each/inner box, 12*20 each/ctn
1101	150	80	60	1.8	12each/inner box, 12*16 each/ctn
1101	200	90	65	1.9	12each/inner box, 12*12 each/ctn
1101	250	95	70	1.9	12each/inner box, 12*12 each/ctn
1101	300	106	77	1.9	12each/inner box, 12*8 each/ctn
1101	400	110	80	2	8each/inner box, 8*12 each/ctn
1101	500	120	85	2	8each/inner box, 8*9 each/ctn
1101	600	125	90	2.1	8each/inner box, 8*9 each/ctn
1101	800	135	100	2.1	6each/inner box, 6*8 each/ctn
1101	1000	145	105	2.2	6each/inner box, 6*4 each/ctn
1101	2000	185	130	2.4	6each/inner box, 6*4 each/ctn
1101	3000	210	150	2.5	1each/inner box, 1*12 each/ctn
1101	5000	270	170	2.5	1each/inner box, 1*6 each/ctn
1101	10000	350	217	3	1each/inner box, 1*4 each/ctn

TALL BEAKER -- tall form

Boro 3.3 Glass

Item No.	Capacity (ml)	H (mm)	O.d. (mm)	Thickness (mm)	Packing
1102	50	70	38	1.5	12each/inner box, 16*12 each/ctn
1102	100	80	48	1.5	12each/inner box, 16*12 each/ctn
1102	150	95	54	1.6	12each/inner box, 16*12 each/ctn
1102	250	120	60	1.8	12each/inner box, 12*12 each/ctn
1102	400	130	70	1.8	8each/inner box, 9*8 each/ctn
1102	500	140	75	1.9	8each/inner box, 6*8 each/ctn
1102	600	150	80	1.9	8each/inner box, 8*9 each/ctn
1102	800	175	90	1.9	6each/inner box, 6*8 each/ctn
1102	1000	185	95	1.9	6each/inner box, 4*6 each/ctn
1102	2000	240	120	1.9	6each/inner box, 6*4 each/ctn

BOILING FLASK

-- flat bottom and round bottom

Boro 3.3 Glass
Narrow Neck

Item No.	Capacity (ml)	O.d. Of Neck (mm)	O.d. Of Bulb (mm)	H (mm)	Packing
1111 1115	5	13	27	62	24each/inner box, 25*24 each/ctn
1111 1115	10	13	33	68	24each/inner box, 25*24 each/ctn
1111 1115	25	18	42	80	24each/inner box, 25*24 each/ctn
1111 1115	50	22	51	100	12each/inner box, 16*12 each/ctn
1111 1115	100	22	64	110	12each/inner box, 16*12 each/ctn
1111 1115	150	22	74	140	12each/inner box, 6*12 each/ctn
1111 1115	250	34	85	140	8each/inner box, 9*8 each/ctn
1111 1115	500	34	105	170	8each/inner box, 6*8 each/ctn
1111 1115	1000	42	131	200	6each/inner box, 4*6 each/ctn
1111 1115	2000	50	166	250	2each/inner box, 6*2 each/ctn
1111 1115	3000	50	199	370	2each/inner box, 4*2 each/ctn
1111 1115	5000	55	235	400	1each/inner box, 6*1 each/ctn
1111 1115	10000	65	279	400	1each/inner box, 2*1 each/ctn
1111 1115	15000	70	330	580	1each/inner box, 2*1 each/ctn
1111 1115	20000	78	370	620	1each/inner box, 1*1 each/ctn

CONICAL FLASK -- wide neck

Boro 3.3 Glass

Item No.	Capacity (ml)	O.d. Of Neck (mm)	O.d. Of Bulb (mm)	H (mm)	Packing
1120	50	34	51	85	12each/inner box, 16*12 each/ctn
1120	100	34	64	105	12each/inner box, 16*12 each/ctn
1120	150	36	72	120	12each/inner box, 16*12 each/ctn
1120	200	50	79	131	12each/inner box, 6*12 each/ctn
1120	250	50	85	140	12each/inner box, 6*12 each/ctn
1120	300	50	87	156	6each/inner box, 8*6 each/ctn
1120	500	50	105	175	8each/inner box, 6*8 each/ctn
1120	1000	50	131	220	6each/inner box, 4*6 each/ctn
1120	2000	72	153	280	2each/inner box, 6*2 each/ctn
1120	3000	106	190	285	2each/inner box, 4*2 each/ctn

CONICAL FLASK -- narrow neck

Boro 3.3 Glass

Item No.	Capacity (ml)	O.d. Of Neck (mm)	O.d. Of Bulb (mm)	H (mm)	Packing
1121	10	16	30	55	24each/inner box, 25*24 each/ctn
1121	25	22	42	75	24each/inner box, 12*24 each/ctn
1121	50	22	51	90	12each/inner box, 16*12 each/ctn
1121	100	22	64	105	12each/inner box, 16*12 each/ctn
1121	150	28	71	120	12each/inner box, 12*12 each/ctn
1121	200	34	79	135	12each/inner box, 6*12 each/ctn
1121	250	34	85	145	12each/inner box, 6*12 each/ctn
1121	300	34	87	160	6each/inner box, 8*6 each/ctn
1121	500	34	105	180	8each/inner box, 6*8 each/ctn
1121	1000	42	131	220	6each/inner box, 4*6 each/ctn
1121	2000	50	166	280	2each/inner box, 6*2 each/ctn
1121	3000	50	187	310	2each/inner box, 4*2 each/ctn
1121	5000	50	220	365	1each/inner box, 4*1 each/ctn
1121	10000	76	295	435	1each/inner box, 1*1 each/ctn

FILTER FLASK

-- with printed graduation with upper tubulature

Boro 3.3 Glass

Item No.	Capacity (ml)	Dia. Of Side Tube (mm)	H (mm)	Packing
1431	125	9	120	8each/inner box, 9*8 each/ctn
1431	250	9	160	12each/inner box, 6*12 each/ctn
1431	500	9	210	8each/inner box, 6*8 each/ctn
1431	1000	9	245	6each/inner box, 6*6 each/ctn
1431	2500	11	290	2each/inner box, 3*2 each/ctn
1431	5000	11	370	1each/inner box, 4*1 each/ctn
1431	10000	13	450	1each/inner box, 1*1 each/ctn

CONICAL FLASK

-- with glass ground stopper

Boro 3.3 Glass

Item No.	Dia. Of Side Tube (mm)	H (mm)	Packing
1122	50	90	12each/inner box, 16*12 each/ctn
1122	100	60	12each/inner box, 16*12 each/ctn
1122	250	83	12each/inner box, 6*12 each/ctn
1122	500	98	185 8each/inner box, 6* 8 each/ctn
1122	1000	130	230 6each/inner box, 4*6 each/ctn

IODINE FLASK

-- wide mouth with standard ground stopper

Boro 3.3 Glass

Item No.	Capacity (ml)	Dia. Of Side Tube (mm)	H (mm)	Packing
1123	50	50	110	12each/inner box, 16*12 each/ctn
1123	100	60	114	12each/inner box, 16*12 each/ctn
1123	250	83	155	12each/inner box, 6*12 each/ctn
1123	500	98	200	8each/inner box, 6* 8 each/ctn

DISTILLING FLASK

Boro 3.3 Glass
Arm sealed at the bottom third part of neck

Item No.	Capacity (ml)	L (mm)	W (mm)	H (mm)	Packing
1131	50	--	--	--	2each/inner box, 2*16 each/ctn
1131	125	--	--	--	2each/inner box, 2*16 each/ctn
1131	250	--	--	--	2each/inner box, 2*12 each/ctn
1131	500	--	--	--	2each/inner box, 2*8 each/ctn
1131	1000	--	--	--	2each/inner box, 2*6 each/ctn
1131	2000	--	--	--	--

CRYSTALLIZING DISH

Boro 3.3 Glass
Glass tube mechanization production

Item No.	O.d. Of Top (mm)	H (mm)	Packing
1173	40	25	10each/inner box, 24*10 each/ctn
1173	50	30	10each/inner box, 24*10 each/ctn
1173	60	35	10each/inner box, 24*10 each/ctn
1173	70	40	10each/inner box, 12*10 each/ctn
1173	80	45	10each/inner box, 12*10 each/ctn
1173	90	45	10each/inner box, 12*10 each/ctn
1173	100	50	10each/inner box, 48*1 each/ctn
1173	125	63	1each/inner box, 48*1 each/ctn
1173	150	75	1each/inner box, 24*1 each/ctn
1173	180	90	1each/inner box, 24*1 each/ctn
1173	200	100	1each/inner box, 12*1 each/ctn
1173	230	115	1each/inner box, 12*1 each/ctn

WATCH GLASS

Soda glass material

Item No.	Diameter (mm)	Packing
1175	40	10each/inner box, 60*10 each/ctn
1175	50	10each/inner box, 60*10 each/ctn
1175	60	10each/inner box, 60*10 each/ctn
1175	70	10each/inner box, 60*10 each/ctn
1175	80	10each/inner box, 60*10 each/ctn
1175	90	10each/inner box, 60*10 each/ctn
1175	100	10each/inner box, 54*10 each/ctn
1175	120	10each/inner box, 32*10 each/ctn
1175	150	10each/inner box, 10*10 each/ctn
1175	180	10each/inner box, 10*10 each/ctn
1175	200	10each/inner box, 20*10 each/ctn

PETRI DISH

Boro 3.3 Glass
Glass tube mechanization production

Item No.	O.d. Of Top (mm)	H (mm)	Packing
1177	60	15	20each/inner box, 12*20 each/ctn
1177	75	15	10each/inner box, 20*10 each/ctn
1177	90	18	10each/inner box, 12*10 each/ctn
1177	100	20	10each/inner box, 12*10 each/ctn
1177	120	25	8each/inner box, 12*8 each/ctn
1177	150	30	6each/inner box, 8*6 each/ctn

CONDENSER

Boro 3.3 Glass

Item No.	Length Of Jacket (mm)	O.d. Of Upper Tube (mm)	Length (mm)	Packing
1213 1214 1215	200	18	350	2each/inner box, 24*2 each/ctn
1213 1214 1215	250	18	420	2each/inner box, 24*2 each/ctn
1213 1214 1215	300	20	480	2each/inner box, 24*2 each/ctn
1213 1214 1215	400	22	590	1each/inner box, 48*1 each/ctn
1213 1214 1215	500	24	710	1each/inner box, 24*1 each/ctn
1213 1214 1215	600	24	810	1each/inner box, 24*1 each/ctn

CONDENSER -- standard joint

Standard Ground Mouth
Boro 3.3 Glass

Item No.	Length Of Jacket (mm)	Ground Mouth	Total Length (mm)	Packing
5021 5022 5023	150	14/23	254	2each/inner box, 24*2 each/ctn
5021 5022 5023	200	24/29	350	2each/inner box, 24*2 each/ctn
5021 5022 5023	300	24/29	480	2each/inner box, 24*2 each/ctn
5021 5022 5023	400	24/29	555	1each/inner box, 48*1 each/ctn
5021 5022 5023	500	24/29	650	1each/inner box, 24*1 each/ctn
5021 5022 5023	600	24/29	735	1each/inner box, 24*1 each/ctn

CONDENSER -- reflux,with coiled inner tube

Standard Ground Mouth

Item No.	Capacity (ml)	O.d. Of Neck (mm)	O.d. Of Bulb (mm)	H (mm)	Packing
5024	150	14/23	2.0	235	2each/inner box, 24*2 each/ctn
5024	200	24/29	3.7	350	2each/inner box, 24*2 each/ctn
5024	300	24/29	5.4	480	2each/inner box, 24*2 each/ctn
5024	400	24/29	7.3	590	1each/inner box, 48*1 each/ctn
5024	500	24/29	9.2	710	1each/inner box, 24*1 each/ctn

TEST TUBE WITH SCREW CAP

Boro 3.3 Glass Or Neutral Glass

Item No.	O.d. Of Tube (mm)	H (mm)	Packing
1230	12	75	250each/inner box, 21*250 each/ctn
1230	12	100	250each/inner box, 21*250 each/ctn
1230	13	100	250each/inner box, 21*250 each/ctn
1230	15	100	100each/inner box, 10*100 each/ctn
1230	15	150	100each/inner box, 10*100 each/ctn
1230	16	100	100each/inner box, 10*100 each/ctn
1230	16	150	100each/inner box, 10*100 each/ctn
1230	16	160	100each/inner box, 10*100 each/ctn
1230	18	150	100each/inner box, 6*100 each/ctn
1230	18	180	100each/inner box, 6*100 each/ctn
1230	20	125	100each/inner box, 6*100 each/ctn
1230	20	150	100each/inner box, 6*100 each/ctn
1230	25	200	50each/inner box, 6*50 each/ctn

TEST TUBE -- without rim plain or with rim

Boro3.3 Glass Or Neutral Glass

Item No.	O.d. Of Tube (mm)	Length (mm)	Packing
1231 1232	10	75	100each/inner Box, 20*100 Each/ctn
1231 1232	10	100	100each/inner Box, 24*100 Each/ctn
1231 1232	12	75	100each/inner Box, 20*100 Each/ctn
1231 1232	12	100	100each/inner Box, 20*100 Each/ctn
1231 1232	13	100	100each/inner Box, 20*100 Each/ctn
1231 1232	13	130	100each/inner Box, 10*100 Each/ctn
1231 1232	15	100	100each/inner Box, 10*100 Each/ctn
1231 1232	15	150	100each/inner Box, 10*100 Each/ctn
1231 1232	16	125	100each/inner Box, 10*100 Each/ctn
1231 1232	16	150	100each/inner Box, 10*100 Each/ctn
1231 1232	18	150	100each/inner Box, 10*100 Each/ctn
1231 1232	18	180	100each/inner Box, 10*100 Each/ctn
1231 1232	20	150	50each/inner Box, 10*50 Each/ctn
1231 1232	20	180	50each/inner Box, 8*50 Each/ctn
1231 1232	25	150	50each/inner Box, 8*50 Each/ctn
1231 1232	25	180	50each/inner Box, 6*50 Each/ctn

CENTRIFUGE TUBE

Conical With Graduation
Boro3.3 Glass Or Neutral Glass

Item No.	Capacity (ml)	Graduation (ml)	O.d.of Tube (mm)	Length (mm)	Packing
1241	5	0.1	14	90	250each/inner Box, 4*250 Each/ctn
1241	10	0.1	17	110	250each/inner Box, 4*250 Each/ctn
1241	15	0.1	19	120	250each/inner Box, 4*250 Each/ctn
1241	25	0.2	23	140	50each/inner Box, 12*50 Each/ctn
1241	50	0.2	33	150	50each/inner Box, 6*50 Each/ctn

STIRRING ROD

Boro3.3 Glass Or Neutral Glass

Item No.	O.d.of Rod (mm)	Length (mm)	Packing
1494	6	200	40each/inner Box, 20*40 Each/ctn
1494	6	250	40each/inner Box, 15*40 Each/ctn
1494	6	300	40each/inner Box, 15*40 Each/ctn
1494	7	200	40each/inner Box, 20*40 Each/ctn
1494	7	300	40each/inner Box, 15*40 Each/ctn
1494	7	350	40each/inner Box, 12*40 Each/ctn
1494	7	400	40each/inner Box, 12*40 Each/ctn

WEIGHING BOTTLE

Boro3.3 Glass

Item No.	O.d. (mm	Length (mm)	Packing
1301	25	25	12each/inner Box, 48*12 Each/ctn
1301	25	40	12each/inner Box, 48*12 Each/ctn
1301	30	50	12each/inner Box, 36*12 Each/ctn
1301	30	60	12each/inner Box, 36*12 Each/ctn
1301	35	70	12each/inner Box, 24*12 Each/ctn
1301	40	70	12each/inner Box, 24*12 Each/ctn
1301	40	25	12each/inner Box, 24*12 Each/ctn
1301	50	30	12each/inner Box, 24*12 Each/ctn
1301	60	30	12each/inner Box, 24*12 Each/ctn
1301	70	35	12each/inner Box, 12*12 Each/ctn
1301	70	40	

DESICCATOR -- with porcelain plate

Clear Color / Amber Color
Item No. 1351 / 1352

Item No.	I.d. (mm)	Total Height (mm)	Height Of Body (mm)	Packing
1351 1352 1353 1354	120	180	110	1each/inner Box, 12*1 Each/ctn
1351 1352 1353 1354	150	220	135	1each/inner Box, 2*1 Each/ctn
1351 1352 1353 1354	180	260	160	1each/inner Box, 2*1 Each/ctn
1351 1352 1353 1354	210	275	180	1each/inner Box, 1*1 Each/ctn
1351 1352 1353 1354	240	325	210	1each/inner Box, 1*1 Each/ctn
1351 1352 1353 1354	300	355	235	1each/inner Box, 1*1 Each/ctn
1351 1352 1353 1354	350	400	255	1each/inner Box, 1*1 Each/ctn
1351 1352 1353 1354	400	460	300	1each/inner Box, 1*1 Each/ctn

ALCOHOL LAMP -- with plastic cap

Item No.	Capacity (ml)	Height (mm)	Packing
1381	30	--	-- each/inner Box, -- Each/ctn
1381	60	--	12each/inner Box, 12*12Each/ctn
1381	150	118	10each/inner Box, 9*10 Each/ctn
1381	250	130	10each/inner Box, 9*10 Each/ctn

REAGENT BOTTLE

Narrow Mouth / Wide Mouth With Ground Glass Stopper
Clear / Amber Color
Item No. 1401 / 1402

Item No.	Capacity (ml)	Dia. Of Body (mm)	Dia. Of Mouth (mm)	H (mm)	Packing
1401	30	40	18	76	40each/inner Box, 6*40 Each/ctn
1401	60	46	22	85	32each/inner Box, 6*32 Each/ctn
1401	125	57	24	110	20each/inner Box, 6*20 Each/ctn
1401	250	70	27	135	20each/inner Box, 4*20 Each/ctn
1401	500	85	33	172	12each/inner Box, 4*12 Each/ctn
1401	1000	106	38	202	6each/inner Box, 4*6 Each/ctn
1401	2500	145	48	270	2each/inner Box, 12*2 Each/ctn
1401	5000	185	58	338	2each/inner Box, 3*2 Each/ctn
1401	10000	225	68	430	1each/inner Box, 2*1 Each/ctn
1401	20000	265	82	520	1each/inner Box, 2*1 Each/ctn

REAGENT BOTTLE -- with blue screw cap

Boro3.3 Glass Or Neutral Glass

Item No.	Capacity (ml)	Dia. Of Body (mm)	Height (mm)	GI	Packing
1408	100	56	100	45	6each/inner box, 20*6 each/ctn
1408	250	70	138	45	4each/inner box, 20*4 each/ctn
1408	500	86	176	45	5each/inner box,12*4 each/ctn
1408	1000	101	225	45	5each/inner box, 6*4 each/ctn
1408	2000	136	260	45	5each/inner box, 3*5 each/ctn
1408	5000	186	330	45	2each/inner box, 2*3 each/ctn
1408	10000	234	410	45	1each/inner box, 1 each/ctn
1408	20000	299	505	45	1each/inner box, 1 each/ctn

PASTEUR PIPETTE

Item No.	Diameter (mm)	Packing
1456	90	100each/inner box, 40*100 each/ctn
1456	150	100each/inner box, 8*250 each/ctn
1456	160	250each/inner box, 20*100 each/ctn
1456	230	250each/inner box, 8*250 each/ctn

FUNNEL

Boro 3.3 Glass
Long Steam 60 °C Approx

Item No.	Dia. (mm)	O.d. Of Stem (mm)	Length Of Stem (mm)	Packing
1503	50	7	150	12each/inner Box, 12*12 Each/ctn
1503	60	8	150	12each/inner Box, 12*12 Each/ctn
1503	75	9	150	12each/inner Box, 8*12 Each/ctn
1503	90	11	150	12each/inner Box, 6*12 Each/ctn
1504	40	7	40	16each/inner Box, 18*16 Each/ctn
1504	50	7	50	12each/inner Box, 24*12 Each/ctn
1504	60	8	60	10each/inner Box, 12*10 Each/ctn
1504	75	9	75	10each/inner Box, 9*10 Each/ctn
1504	90	11	90	10each/inner Box, 6*10 Each/ctn
1504	100	13	100	8each/inner Box, 9*8 Each/ctn
1504	120	15	120	8each/inner Box, 6*8 Each/ctn
1504	150	17	150	6each/inner Box, 4*6 Each/ctn
1504	180	18	150	2each/inner Box, 6*2 Each/ctn
1504	210	21	160	2each/inner Box, 4*2 Each/ctn
1504	240	24	180	2each/inner Box, 4*2 Each/ctn
1504	300	26	200	2each/inner Box, 2*2 Each/ctn

SEPARATING FUNNEL

-- with glass stopper pear shape

Pear Shape
With Ground-in Glass Stopper

Item No.	Capacity (ml)	O.d. Of Stem * Length (mm)	Total Height (mm)	Packing
1543	60	10*70	220	2each/inner Box, 30*2 Each/ctn
1543	125	10*70	260	2each/inner Box, 24*2 Each/ctn
1543	250	11*70	290	2each/inner Box, 16*2 Each/ctn
1543	500	12*70	330	2each/inner Box, 12*2 Each/ctn
1543	1000	12*70	400	2each/inner Box, 6*2 Each/ctn
1543	2000	14*70	500	1each/inner Box, 6*1 Each/ctn
1543	5000	16*70	630	1each/inner Box, 2*1 Each/ctn

SEPARATING FUNNEL

-- with ptfe stopper pear shape

Pear Shape
With Ground-in Ptfe Stopper

Item No.	Capacity (ml)	O.d. Of Stem * Length (mm)	Total Height (mm)	Packing
1543t	60	10*70	220	2each/inner Box, 30*2 Each/ctn
1543t	125	10*70	260	2each/inner Box, 24*2 Each/ctn
1543t	250	11*70	290	2each/inner Box, 16*2 Each/ctn
1543t	500	12*70	330	2each/inner Box, 12*2 Each/ctn
1543t	1000	12*70	400	2each/inner Box, 6*2 Each/ctn
1543t	2000	14*70	500	1each/inner Box, 6*1 Each/ctn
1543t	5000	16*70	630	1each/inner Box, 2*1 Each/ctn

CYLINDER SHAPE SEPARATING FUNNEL

-- with ptfe stopper
-- with glass stopper

Item No.	Capacity (ml)	O.d. Of Stem * Length (mm)	Total Height (mm)	Packing
1545	60	10*70	220	2each/inner Box, 30*2 Each/ctn
1545	125	10*70	260	2each/inner Box, 24*2 Each/ctn
1545	250	11*70	290	2each/inner Box, 16*2 Each/ctn
1545	500	12*70	330	2each/inner Box, 12*2 Each/ctn
1545	1000	12*70	400	2each/inner Box, 6*2 Each/ctn
1545	2000	14*70	500	1each/inner Box, 6*1 Each/ctn
1545	5000	16*70	630	1each/inner Box, 2*1 Each/ctn

PRESSURE EQUALIZING FUNNEL

Item No.	Capacity (ml)	O.d. Of Stem * Length (mm)	Total Height (mm)	Packing
1	60	10*70	220	2each/inner Box, 30*2 Each/ctn
1	125	10*70	260	2each/inner Box, 24*2 Each/ctn
1	250	11*70	290	2each/inner Box, 16*2 Each/ctn
1	500	12*70	330	2each/inner Box, 12*2 Each/ctn
1	1000	12*70	400	2each/inner Box, 6*2 Each/ctn

MEASURING CYLINDER

-- with glass round base

Boro 3.3 Glass
With Spout And Graduations

Item No.	Capacity (ml)	Sub. Division (ml)	Tolerance (ml)	Packing
1601	5	0.10	0.10	10each/inner Box, 60*10 Each/ctn
1601	10	0.20	0.20	10each/inner Box, 40*10 Each/ctn
1601	25	0.50	0.50	10each/inner Box, 24*10 Each/ctn
1601	50	0.50	0.50	10each/inner Box, 20*10 Each/ctn
1601	100	1.00	1.00	10each/inner Box, 12*10 Each/ctn
1601	250	2.00	2.00	2each/inner Box, 30*2 Each/ctn
1601	500	5.00	5.00	2each/inner Box, 20*2 Each/ctn
1601	1000	10.00	10.00	1each/inner Box, 12*1 Each/ctn
1601	2000	20.00	20.00	1each/inner Box, 12*1 Each/ctn

MEASURING CYLINDER

-- with plastic hexagonal base

Boro 3.3 Glass
With Spout And Graduations

Item No.	Capacity (ml)	Accuracy (±ml)	Graduation Divisions (ml)	Packing
1601p	5	0.10	0.10	10each/inner Box, 10*10 Each/ctn
1601p	10	0.20	0.20	10each/inner Box, 10*10 Each/ctn
1601p	25	0.50	0.50	10each/inner Box, 10*10 Each/ctn
1601p	50	0.50	0.50	5each/inner Box, 20*5 Each/ctn
1601p	100	1.00	1.00	5each/inner Box, 20*5 Each/ctn
1601p	250	2.00	2.00	2each/inner Box, 20*2 Each/ctn
1601p	500	5.00	5.00	2each/inner Box, 12*2 Each/ctn
1601p	1000	10.00	10.00	1each/inner Box, 12*1 Each/ctn
1601p	2000	20.00	20.00	1each/inner Box, 6*1 Each/ctn

MEASURING CYLINDER

-- with glass hexagonal base

Boro 3.3 Glass
With Spout And Graduations

Item No.	Capacity (ml)	Accuracy (±ml)	Graduation Divisions (ml)	Packing
1601h	5	0.10	0.10	1each/inner Box, 100*1 Each/ctn
1601h	10	0.20	0.20	1each/inner Box, 100*1 Each/ctn
1601h	25	0.50	0.50	1each/inner Box, 100*1 Each/ctn
1601h	50	0.50	0.50	1each/inner Box, 50*1 Each/ctn
1601h	100	1.00	1.00	1each/inner Box, 50*1 Each/ctn
1601h	250	2.00	2.00	1each/inner Box, 25*1 Each/ctn
1601h	500	5.00	5.00	1each/inner Box, 20*1 Each/ctn
1601h	1000	10.00	10.00	1each/inner Box, 12*1 Each/ctn
1601h	2000	20.00	20.00	1each/inner Box, 6*1 Each/ctn

MEASURING CYLINDER

-- with graduations and ground-in glass stopper

Boro 3.3 Glass
With Graduations

Item No.	Capacity (ml)	Sub. Division (ml)	Tolerance (ml)	Packing
1603	5	0.10	0.10	1each/inner Box, 180*1 Each/ctn
1603	10	0.2	0.1	1each/inner Box, 180*1 Each/ctn
1603	25	0.5	0.25	1each/inner Box, 150*1 Each/ctn
1603	50	1.0	0.25	1each/inner Box, 100*1 Each/ctn
1603	100	1.0	0.5	1each/inner Box, 100*1 Each/ctn
1603	250	2	1.0	1each/inner Box, 40*1 Each/ctn
1603	500	5.0	2.5	1each/inner Box, 24*1 Each/ctn
1603	1000	10.0	5.0	1each/inner Box, 12*1 Each/ctn
1603	2000	20.0	10.0	1each/inner Box, 6*1 Each/ctn

MEASURING CUP

Boro 3.3 Glass
Exported to Russia, Ukraine,Soviet Union

Item No.	Capacity (ml)	Packing
1611	50	144pcs/ctn
1611	100	96 pcs/ctn
1611	250	48pcs/ctn
1611	500	32pcs/ctn
1611	1000	20pcs/ctn

VOLUMETRIC FLASK

Boro 3.3 Glass
With One Graduation Mark And Ground-in Glass / Plastic Stopper
Clear / Amber Color
Item No. 1621A / 1622A

Item No.	Capacity (ml)	Tolerance (±ml) Class A	Tolerance (±ml) ClassB	Ground Mouth	Packing
1621 1622	5	0.02	0.04	7/11	10each/inner Box, 30*10 Each/ctn
1621 1622	10	0.02	0.04	7/11	10each/inner Box, 30*10 Each/ctn
1621 1622	25	0.03	0.06	10/13	10each/inner Box, 24*10 Each/ctn
1621 1622	50	0.05	0.1	10/13	10each/inner Box, 20*10 Each/ctn
1621 1622	100	0.10	0.2	12/14	10each/inner Box, 12*10 Each/ctn
1621 1622	200	0.15	0.3	14/15	2each/inner Box, 36*2 Each/ctn
1621 1622	250	0.15	0.3	14/15	2each/inner Box, 36*2 Each/ctn
1621 1622	500	0.25	0.5	16/16	2each/inner Box, 24*2 Each/ctn
1621 1622	1000	0.40	0.8	19/17	2each/inner Box, 12*2 Each/ctn
1621 1622	2000	0.60	1.2	24/20	2each/inner Box, 6*2 Each/ctn

MEASURING PIPETTE

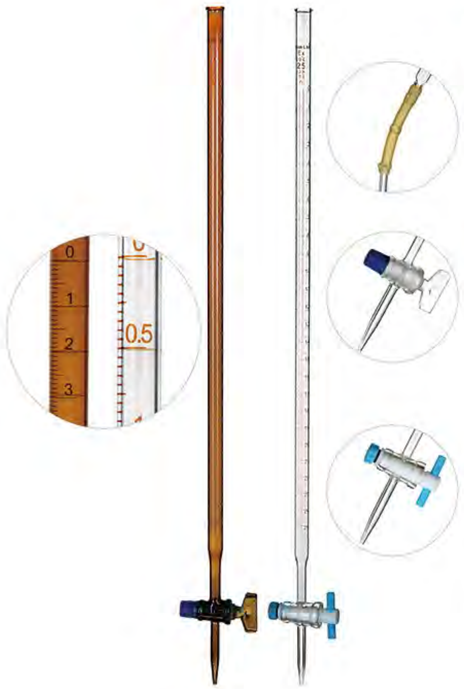
Graduated With Zero At Top

Item No.	Capacity (ml)	Graduation (ml)	Tolerance (±ml) Class A	Tolerance (±ml) Class B	Flow Rate (s)	Packing
1630	0.1	0.001	0.002	0.004	2-8	20each/inner Box, 24*20 Each/ctn
1630	0.2	0.002	0.004	0.006	2-8	20each/inner Box, 24*20 Each/ctn
1630	0.5	0.005	0.006	0.01	2-8	20each/inner Box, 24*20 Each/ctn
1630	1	0.01	0.008	0.015	2-8	20each/inner Box, 24*20 Each/ctn
1630	2	0.02	0.012	0.025	2-8	20each/inner Box, 24*20 Each/ctn
1630	5	0.05	0.025	0.05	5-11	20each/inner Box, 24*20 Each/ctn
1630	10	0.10	0.05	0.1	7-17	10each/inner Box, 48*10 Each/ctn
1630	15	0.10	0.1	0.2	7-17	10each/inner Box, 31*10 Each/ctn
1630	20	0.10	0.1	0.2	11-21	10each/inner Box, 31*10 Each/ctn
1630	25	0.10	0.1	0.2	11-21	10each/inner Box, 31*10 Each/ctn
1630	50	0.20	0.1	0.2	15-25	10each/inner Box, 12*10each/ctn

VOLUMETRIC PIPETTE

With One Mark

Item No.	Capacity (ml)	Tolerance (±ml) Class A	Tolerance (±ml) Class B	Flow Rate (s)	Length (mm)	Packing
1633	1	0.007	0.015	7-12	330	20each/inner Box, 16*20each/ctn
1633	2	0.010	0.020	7-12	340	20each/inner Box, 16*20each/ctn
1633	3	0.015	0.030	15-25	360	10each/inner Box, 28*10each/ctn
1633	5	0.015	0.030	15-25	400	10each/inner Box, 28*10each/ctn
1633	10	0.020	0.040	20-30	450	10each/inner Box, 24*10each/ctn
1633	15	0.025	0.050	20-30	520	10each/inner Box, 18*10each/ctn
1633	20	0.030	0.060	25-35	560	10each/inner Box, 18*10each/ctn
1633	25	0.030	0.060	25-35	570	10each/inner Box, 18*10each/ctn
1633	50	0.050	0.100	30-40	600	10each/inner Box, 12*10each/ctn
1633	100	0.080	0.16	35-45	640	10each/inner Box, 10*10each/ctn



BURETTE WITH RUBBER TUBING CONNECTION

Glass Bead And Glass Tip

Item No.	Capacity (ml)	Graduation (ml)	Tolerance (±ml) Class A	Tolerance (±ml) ClassB	Length (mm)	Packing
1641	10	0.05	0.025	0.05	600	2each/inner Box, 60*2each/ctn
1641	25	0.1	0.04	0.1	630	2each/inner Box, 60*2each/ctn
1641	50	0.1	0.05	0.1	860	2each/inner Box, 45*2each/ctn
1641	100	0.2	0.10	0.2	860	2each/inner Box, 36*2each/ctn

BURETTE WITH STRAIGHT STOPCOCK

With Glass Straight Stopper

Item No.	Capacity (ml)	Graduation (ml)	Tolerance (±ml) Class A	Tolerance (±ml) Class B	Length (mm)	Packing
1642	10	0.05	0.025	0.05	600	5each/inner Box, 12*5 Each/ctn
1642	25	0.1	0.04	0.1	630	5each/inner Box, 12*5 Each/ctn
1642	50	0.1	0.05	0.1	860	5each/inner Box, 12*5 Each/ctn
1642	100	0.2	0.10	0.2	860	5each/inner Box, 12*5 Each/ctn

BURETTE WITH PTFE STOPCOCK

Class A
With Ptfe Stopper

Item No.	Capacity (ml)	Graduation (ml)	Tolerance (±ml) Class A	Tolerance (±ml) Class B	Length (mm)	Packing
1642fa	10	0.05	0.025	0.05	600	5each/inner Box, 12*5 Each/ctn
1642fa	25	0.1	0.04	0.1	630	5each/inner Box, 12*5 Each/ctn
1642fa	50	0.1	0.05	0.1	860	5each/inner Box, 12*5 Each/ctn
1642fa	100	0.2	0.10	0.2	860	5each/inner Box, 12*5 Each/ctn

SPECIFIC GRAVITY BOTTLE

Item No.	Capacity (ml)	Packing
1861	5	500pcs/ctn
1861	10	500pcs/ctn
1861	25	500pcs/ctn
1861	50	300pcs/ctn
1861	100	150pcs/ctn
1861	250	72pcs/ctn

COLPRIMETRIC TUBE

-- with glass hollow stopper

Item No.	Capacity (ml)	Packing
1872	10	432pcs/ctn
1872	25	288pcs/ctn
1872	50	240pcs/ctn
1872	100	240pcs/ctn

FILTER CRUCIBLE

With Fritted Disc Suitable For Filter Funnel And Flask

Item No.	Volume (ml)	Porosity	Packing
1901	10	G1	
1901	10	G2	
1901	10	G3	
1901	10	G4	
1901	30	G1	
1901	30	G2	
1901	30	G3	
1901	30	G4	
1901	50	G1	
1901	50	G2	
1901	50	G3	
1901	50	G4	

DROPPING BOTTLE

Item No.	Capacity (ml)	Packing
1451 1452	30ml	216/ctn
1451 1452	60ml	144/ctn
1451 1452	125ml	144/ctn
1451 1452	250ml	48/ctn

FILTER FUNNEL

With Fritted Disc Suitable For Filter Funnel And Flask

Item No.	Volume (ml)	Porosity	Packing
1902	30	G3	
1902	30	G4	
1902	70	G3	
1902	70	G4	
1902	125	G3	
1902	125	G4	
1902	250	G3	
1902	250	G4	
1902	500	G3	
1902	500	G4	

CULTURE FLASK

Boro 3.3 Glass

Item No.	Capacity (ml)	L (mm)	W (mm)	H (mm)	Packing
1290	1000	120	55	255	2each/inner box, 2*10 each/ctn

FILTRATION APPARATUS

Filtration Assembly,Vacuum Filtration System
With Aluminum Clamp Or Stainless Steel Clamp,with Fritted Disc

Item No.	Top Bottle (ml)	Receiving Bottle (ml)	Packing
1908	250	250	1each/inner Box, 4*1 Each/ctn
1908	300	500	1each/inner Box, 4*1 Each/ctn
1908	300	1000	1each/inner Box, 4*1 Each/ctn
1908	500	2000	1each/inner Box, 4*1 Each/ctn
1908	1000	5000	1each/inner Box, 4*1 Each/ctn

GLASS SHORT PATH DISTILLATION

Item.	--	
Name	Glass short path distillation	
Capacity	2L with foam case, 5L	
Specification	1 * 24/40 2000ml/5000ml, 2-neck Round Bottom Flask	1 * Distillation Head
	1 * 24/40 250ml Distillation Cow Receiver	1 * 24/40 Thermometer Adapter
	3 * 24/40 250ml/500ml Round Bottom Flask	1 * 14/20 Thermometer Adapter

SHORT PATH DISTILLATION SYSTEM

Item.	--	
Name	Short path distillation system	
Capacity	2L, 5L	
Specification	1 * 24/40 2000ml/5000ml, 2-neck Round Bottom Flask	1 * Distillation Head
	1 * Chain Clamp Clamping diameter 40-145mm	1 * 24/40 Thermometer Adapter
	1 * Lab Stand 304stainless steel lifting platform 100*100mm	1 * 14/20 Thermometer Adapter
	1 * 24/40 250ml Distillation Cow Receiver	5 * GL-14
	3 * 24/40 250ml/500ml Round Bottom Flask	6 * #24 Plastic Clips
	1 * 2000ml/5000ml Digital Heating Mantle	1 * 24/40 Cold Trap
	1 * 24/40 1000ml Receiving Flask	1 * Bosshead 16mm
	1 * British Iron Stand 250*160mm	1 * Iron Ring Paint 100mm
	1 * 1000-3000ml Cork Ring	3 * 250ml Cork Ring

Available Accessories:
Lab Stand 150*150mm

ESSENTIAL OIL DISTILLATION

Item.	--
Name	Essential Oil Distillation For Sale
Specification	1 * 2000ml filling flask with one 40/38 joint one 24/40 joint
	1 * Distillation head with 40/38 and 24/40joint
	1 * 2000ml 2-neck flat bottom,24/40joint
	1 * 300mm coil condenser 24/40 joint
	1 * Receiver funnel with teflon valve and 24/40 joint

SHORT PATH DISTILLATION

Item.	--	
Name	Short path distillation	
Capacity	2L with foam case, 5L	
Specification	1 * 24/40 2000ml/5000ml 2neck Round Bottom Flask	1 * Distillation Head
	1 * 24/40 Thermometer Adapter	1 * 14/20 Stopper
	1 * 250ml Cow Receiver with GL-14	10 * GL-14
	3 * 24/40 250ml/500ml Round Bottom Flask	4 * #24 Metal Clips
	1 * 24/40 120mm Glass Funnel	8 * #24 Plastic Clips
	1 * 29/42 Cold Trap with GL-14	2 * #29 Plastic Clips
	1 * 29/42 1000ml Receiving Flask	2 * 24/40 Stopper
	1 * 14/20 Thermometer Adapter	

CHEMISTRY KIT

Item.	--	
Name	Chemistry kit	
Specification	1x 24/40 500ml Round Bottom Flask	1x 24/40 300mm Liebig Condenser
	1x 24/40 250ml Round Bottom Flask	1x 24/40 300mm West Condenser
	1x 24/40 100ml Round Bottom Flask	1x Bleed Tube
	1x 24/40 50ml Round Bottom Flask	1x 24/40 Stopper
	1x 24/40 25ml Round Bottom Flask	1x 24/40 Thermometer Adapter
	1x 24/40 Vacuum Connecting Tube	5x #24 Plastic Clips
	1x 24/40 3-way Connecting Tube	1x 24/40 125ml Separatory Funnel with PTFE Stopcock
	1x 24/40 Claisen Connecting Tube	

JACKETED GLASS REACTOR 2L

Item.	--
Name	Jacketed glass reactor 2L

FLASK, ROUND BOTTOM--SINGLE NECK

All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F301405	5	14/23	14/20
F301410	10	14/23	14/20
F301910	10	19/26	19/22
F301425	25	14/23	14/20
F301925	25	19/26	19/22
F302425	25	24/29	24/40
F301450	50	14/23	14/20
F301950	50	19/26	19/22
F302450	50	24/29	24/40
F301100	100	14/23	14/20
F309100	100	19/26	19/22
F304100	100	24/29	24/40
F308100	100	29/32	29/42
F301200	200	14/23	14/20
F309200	200	19/26	19/22
F304200	200	24/29	24/40
F309250	250	19/26	19/22
F304250	250	24/29	24/40
F308250	250	29/32	29/42
F301300	300	14/23	14/20
F309300	300	19/26	19/22
F304300	300	24/29	24/40
F309500	500	19/26	19/22
F304500	500	24/29	24/40
F308500	500	29/32	29/42
F303450	500	34/35	34/45
F304000	1000	24/29	24/40
F30291L	1000	29/32	29/42
F30242L	2000	24/29	24/40
F30292L	2000	29/32	29/42
F30452L	2000	45/40	45/50

FLASK, FLAT BOTTOM --SINGLE NECK

Flat bottom flask with an outer joint. Heavy wall design. All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F122450	50	24/29	24/40
F124100	100	24/29	24/40
F124125	125	24/29	24/40
F124250	250	24/29	24/40
F124300	300	24/29	24/40
F124500	500	24/29	24/40
F124000	1000	24/29	24/40
F128000	1000	29/32	29/42

FLASK, ROUND BOTTOM--SPHERICAL JOINT

All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F527500	500	--	35/20
F527000	1000	--	35/20
F52702L	2000	--	35/20

FLASK, PEAR SHAPED--SINGLE NECK

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F321405L	5	14/23	14/20
F321410L	10	14/23	14/20
F321415L	15	14/23	14/20
F321225L	25	14/23	14/20
F329225L	25	19/26	19/22
F321250L	50	14/23	14/20
F329250L	50	19/26	19/22
F322450L	50	24/29	24/40
F321100L	100	14/23	14/20
F329100L	100	19/26	19/22
F324100L	100	24/29	24/40
F321200L	200	14/23	14/20
F324200L	200	24/29	24/40

FLASK, RECOVERY

All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F311405	5	14/23	14/20
F311410	10	14/23	14/20
F311910	10	19/26	19/22
F311425	25	14/23	14/20
F311925	25	19/26	19/22
F312425	25	24/29	24/40
F311450	50	14/23	14/20
F311950	50	19/26	19/22
F312450	50	24/29	24/40
F311100	100	14/23	14/20
F319100	100	19/26	19/22
F314100	100	24/29	24/40
F318100	100	29/32	29/42
F311200	200	14/23	14/20
F314200	200	24/29	24/40
F311250	250	14/23	14/20
F319250	250	19/26	19/22
F314250	250	24/29	24/40
F318250	250	29/32	29/42
F314500	500	24/29	24/40
F318500	500	29/32	29/42
F314000	1000	24/29	24/40
F31291L	1000	29/32	29/42

FLASK, ROUND BOTTOM WITH HOOKS

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F331405	5	14/23	14/20
F331410	10	14/23	14/20
F331425	25	14/23	14/20
F331450	50	14/23	14/20
F339100	100	19/26	19/22

COOPERATIVE PARTNER

THE FIRST CHOICE GLOBAL USERS

Germany quality man in JOAN

Good intention to each product , quality assurance

FLASK, ROUND BOTTOM --THREADED INLET

With a threaded side port for insertion of thermometer or bleed tubes, having an O.D. between 5mm and 7.5mm. Heavy wall design. All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F141425	25	14/23	14/20
F141450	50	14/23	14/20
F149100	100	19/26	19/22
F144100	100	24/29	24/40
F141250	250	14/23	14/20
F149250	250	19/26	19/22
F144250	250	24/29	24/40
F144500	500	24/29	24/40

FLASK, TWO NECK, PEAR SHAPED

Pear shape with joints.

Item No.	Capacity (ml)	European Standard Center Joint	U.S. Standard Center Joint	European Standard Side Joint	U.S. Standard Side Joint
F341105	5	14/23	14/20	14/23	14/20
F341110	10	14/23	14/20	14/23	14/20
F341115	15	14/23	14/20	14/23	14/20
F341125	25	14/23	14/20	14/23	14/20
F341150	50	14/23	14/20	14/23	14/20
F341100	100	14/23	14/20	14/23	14/20
F341200	200	14/23	14/20	14/23	14/20

FLASK, ROUND BOTTOM -- 3-NECK BOTTOM OUTLET

Lower outlet is a 4mm straight bore Teflon stopcock.

Item No.	Capacity (ml)	European Standard Center Joint	U.S. Standard Center Joint	European Standard Side Joint	U.S. Standard Side Joint
F424450	500	24/29	24/40	24/29	24/40
F42441L	1000	24/29	24/40	24/29	24/40
F42442L	2000	24/29	24/40	24/29	24/40
F42542L	2000	45/40	45/50	24/29	24/40
Accessory:	S181530 Replacement 4mm Teflon Plug Only				

FLASK, TWO NECK, ANGLED

Round bottom with joints.All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Center Joint	U.S. Standard Center Joint	European Standard Side Joint	U.S. Standard Side Joint
F411110	10	14/23	14/20	14/23	14/20
F411125	25	14/23	14/20	14/23	14/20
F411925	25	19/26	19/22	14/23	14/20
F419925	25	19/26	19/22	19/26	19/22
F411150	50	14/23	14/20	14/23	14/20
F419950	50	19/26	19/22	19/26	19/22
F414150	50	24/29	24/40	14/23	14/20
F414450	50	14/23	24/40	24/29	24/40
F411100	100	14/23	14/20	14/23	14/20
F411900	100	14/23	19/22	14/23	14/20
F419900	100	19/26	19/22	19/26	19/22
F414100	100	24/29	24/40	14/23	14/20
F419100	100	24/29	24/40	19/26	19/22
F414400	100	24/29	24/40	24/29	24/40
F411250	250	14/23	14/20	14/23	14/20
F410250	250	19/26	19/22	14/23	14/20
F419250	250	19/26	19/22	19/26	19/22
F414251	250	24/29	24/40	14/23	14/20
F414259	250	24/29	24/40	19/26	19/22
F414250	250	24/29	24/40	24/29	24/40
F411501	500	19/26	19/22	14/23	14/20
F414501	500	24/29	24/40	14/23	14/20
F414504	500	24/29	24/40	24/29	24/40
F415501	500	29/32	29/42	24/29	24/40
F415502	500	29/32	29/42	29/32	29/42
F41611L	1000	24/29	24/40	14/23	14/20
F41621L	1000	24/29	24/40	19/26	19/22
F41241L	1000	24/29	24/40	24/29	24/40
F41641L	1000	29/32	29/42	29/32	29/42

FLASK, ROUND BOTTOM -- 4-NECK, ANGLED

All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Center Joint	U.S. Standard Center Joint	European Standard Side Joint	U.S. Standard Side Joint
F221125	25	14/23	14/20	14/23	14/20
F221150	50	14/23	14/20	14/23	14/20
F221100	100	14/23	14/20	14/23	14/20
F221250	250	14/23	14/20	14/23	14/20
F224250	250	24/29	24/40	24/29	24/40
F221500	500	14/23	14/20	14/23	14/20
F224500	500	24/29	24/40	24/29	24/40
F222500	500	29/32	29/42	24/29	24/40
F224000	1000	24/29	24/40	24/29	24/40

FLASK, THREE NECK, ANGLED

Round bottom with joints. All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Center Joint	U.S Standard Center Joint	European Standard Side Joint	U.S Standard Side Joint
F431110	10	14/23	14/20	14/23	14/20
F431125	25	14/23	14/20	14/23	14/20
F439925	25	19/26	19/22	19/26	19/22
F431150	50	14/23	14/20	14/23	14/20
F439150	50	19/26	19/22	14/23	14/20
F439950	50	19/26	19/22	19/26	19/22
F434150	50	24/29	24/40	14/23	14/20
F434950	50	24/29	24/40	19/26	19/22
F434450	50	24/29	24/40	24/29	24/40
F431100	100	14/23	14/20	14/23	14/20
F439100	100	19/26	19/22	14/23	14/20
F439900	100	19/26	19/22	19/26	19/22
F434100	100	24/29	24/40	14/23	14/20
F434900	100	24/29	24/40	19/26	19/22
F434400	100	24/29	24/40	24/29	24/40
F431250	250.	14/23	14/20	14/23	14/20
F430250	250	19/26	19/22	14/23	14/20
F439250	250	19/26	19/22	19/26	19/22
F432250	250	24/29	24/40	19/26	19/22
F434250	250	24/29	24/40	24/29	24/40
F431500	500	14/23	14/20	14/23	14/20
F439500	500	19/26	19/22	19/26	19/22
F430500	500	24/29	24/40	19/26	19/22
F434500	500	24/29	24/40	24/29	24/40
F434524	500	45/40	45/50	24/29	24/40
F43401L	1000	24/29	24/40	24/29	24/40
F431045	1000	45/40	45/50	24/29	24/40
F43242L	2000	24/29	24/40	24/29	24/40
F43542L	2000	45/40	45/50	24/29	24/40

FLASK, THREE NECK, VERTICAL

Round bottom with joints. All sizes listed below are hand-blown from tubing to ensure uniform wall thickness.

Item No.	Capacity (ml)	European Standard Center Joint	U.S Standard Center Joint	European Standard Side Joint	U.S Standard Side Joint
F441150	50	14/23	14/20	14/23	14/20
F449950	50	19/26	19/22	19/26	19/22
F441100	100	14/23	14/20	14/23	14/20
F449100	100	19/26	19/22	14/23	14/20
F449900	100	19/26	19/22	19/26	19/22
F444100	100	24/29	24/40	14/23	14/20
F444900	100	24/29	24/40	19/26	19/22
F444400	100	24/29	24/40	24/29	24/40
F441250	250	14/23	14/20	14/23	14/20
F442250	250	24/29	24/40	19/26	19/22
F444250	250	24/29	24/40	24/29	24/40
F441500	500	14/23	14/20	14/23	14/20
F449500	500	19/26	19/22	19/26	19/22
F440500	500	24/29	24/40	19/26	19/22
F444500	500	24/29	24/40	24/29	24/40
F446500	500	29/32	29/42	24/29	24/40
F448500	500	29/32	29/42	29/32	29/42
F444000	1000	24/29	24/40	24/29	24/40
F44841L	1000	29/32	29/42	24/29	24/40
F44341L	1000	34/35	34/45	24/29	24/40
F44451L	1000	45/40	45/50	24/29	24/40
F44242L	2000	24/29	24/40	24/29	24/40
F44842L	2000	29/32	29/42	24/29	24/40
F44292L	2000	29/32	29/42	29/32	29/42
F44342L	2000	34/35	34/45	24/29	24/40
F44542L	2000	45/40	45/50	24/29	24/40

FLASK, ROUND BOTTOM 4-NECK, WITH THREADED SIDE ARM

Round bottom, four-neck flask with standard taper outer joints and a thermometer joint. Supplied complete with a compression cap and Viton O-ring. For insertion of plan thermometers or bleed tubes having an O.D. between 5.0-7.0 mm.

Item No.	Capacity (ml)	European Standard Center Joint	U.S Standard Center Joint	European Standard Side Joint	U.S Standard Side Joint
F714500	500	24/29	24/40	24/29	24/40
F71241L	1000	24/29	24/40	24/29	24/40
F71842L	2000	29/32	29/42	24/29	24/40
F71542L	2000	45/40	45/50	24/29	24/40

FLASK, ROUND BOTTOM – 4-NECK, ANGLED

With identical vertical side joints.

Item No.	Capacity (ml)	European Standard Center Joint	U.S Standard Center Joint	European Standard Side Joint	U.S Standard Side Joint
F214250	250	24/29	24/40	24/29	24/40
F214500	500	24/29	24/40	24/29	24/40
F212500	500	29/32	29/42	24/29	24/40
F218500	500	29/32	29/42	29/32	29/42
F214000	1000	24/29	24/40	24/29	24/40
F21841L	1000	29/32	29/42	24/29	24/40
F21842L	2000	29/32	29/42	24/29	24/40
F21342L	2000	34/35	34/45	24/29	24/40

All sizes including 2L flasks are hand-blown from tubing to ensure heavy and uniform wall

Laboratory Glassware

FLASK, ERLENMEYER

With joint. Stopper is not supplied.

Item No.	Capacity (ml)	European Standard Joint	U.S Standard Joint
F661405	5	14/23	14/20
F661410	10	14/23	14/20
F661425	25	14/23	14/20
F661450	50	14/23	14/20
F661950	50	19/26	19/22
F662450	50	24/29	24/40
F662950	50	29/32	29/42
F661125	125	14/23	14/20
F669125	125	19/26	19/22
F664125	125	24/29	24/40
F664250	250	24/29	24/40
F669250	250	29/32	29/42
F664500	500	24/29	24/40
F669500	500	29/32	29/42
F664000	1000	24/29	24/40
F668000	1000	29/32	29/42
	2000		
	2000		
	5000		
	5000		

All sizes including 1L flasks are hand-blown from tubing to ensure heavy and uniform wall

FLASK, HIGH VACUUM VALVE

Supplied with high vacuum valve with PTFE O-ring at tip and PTFE wiper("umbrella") to protect Vilton O-ring on shaft..

Item No.	Capacity (ml)	Valve Size (mm)
F490010	10	0-4
F490050	50	0-4
F490100	100	0-4
F490250	250	0-4
F490258	250	0-8
F490500	500	0-4
F49081L	1000	0-8

JOANLAB®

EXCELLENT QUALITY AND BEST SERVICE

FLASK, FILTERING, WITH JOINT

Heavy wall design made from tubing to ensure excellent quality with 10 mm hose connection

Item No.	Capacity (ml)	European Standard Joint	U.S Standard Joint
F724250	250	24/29	24/40
F724500	500	24/29	24/40
F724000	1000	24/29	24/40

FLASK, MODIFID SCHLENKN TUBE

Choice of either 2mm glass stopcock, 2mm Teflon stopcock or 0-4mm high vacuum valve.

Item No.	Capacity (ml)	European Standard Joint	U.S Standard Joint	Stopcock
F901410	10	14/23	14/20	Teflon
F901425	25	14/23	14/20	Teflon
F901450	50	14/23	14/20	Teflon
F901950	50	19/26	19/22	Teflon
F902450	50	24/29	24/40	Teflon
F901100	100	14/23	14/20	Teflon
F909100	100	19/26	19/22	Teflon
F904100	100	24/29	24/40	Teflon
F901200	200	14/23	14/20	Teflon
F909200	200	19/26	19/22	Teflon
F904200	200	24/29	24/40	Teflon
F904500	500	24/29	24/40	Teflon
F904000	1000	24/29	24/40	Teflon
F901410G	10	14/23	14/20	glass
F901425G	25	14/23	14/20	glass
F901450G	50	14/23	14/20	glass
F901950G	50	19/26	19/22	glass
F902450G	50	24/29	24/40	glass
F901100G	100	14/23	14/20	glass
F909100G	100	19/26	19/22	glass
F904100G	100	24/29	24/40	glass
F901200G	200	14/23	14/20	glass
F904200G	200	24/29	24/40	glass
F904500G	500	24/29	24/40	glass
F904000G	1000	24/29	24/40	glass
F901425H	25	14/23	14/20	HV Valve
F901450H	50	14/23	14/20	HV Valve
F901950H	50	19/26	19/22	HV Valve
F902450H	50	14/23	24/40	HV Valve
F901100H	100	14/23	14/20	HV Valve
F909100H	100	19/26	19/22	HV Valve
F904100H	100	24/29	24/40	HV Valve
F901200H	200	14/23	14/20	HV Valve
F909200H	200	19/26	19/22	HV Valve
F904200H	200	24/29	24/40	HV Valve
F904500H	500	24/29	24/40	HV Valve
F904000H	1000	24/29	24/40	HV Valve

FLASK, STORAGE WITH OUTER JOINT

Supplied with high vacuum valve with PTFE O-ring at tip.

Item No.	Capacity (ml)	European Standard Joint	U.S Standard Joint	Valve Size (mm)
F461010	10	14/23	14/20	0-4
F461025	25	14/23	14/20	0-4
F461050	50	14/23	14/20	0-4
F461100	100	14/23	14/20	0-4
F464100	100	24/29	24/40	0-4
F461250	250	14/23	14/20	0-4
F464250	250	24/29	24/40	0-4
F461500	500	14/23	14/20	0-4
F464500	500	24/29	24/40	0-4
F464508	500	24/29	24/40	0-8
F464008	1000	24/29	24/40	0-8
Accessories:				
S600004	Replacement 0-4mm high vacuum plug and control knob. (PTFE O-ring at tip)			
S600008	Replacement 0-8mm high vacuum plug and control knob. (PTFE O-ring at tip)			

Laboratory Glassware

FLASK, SOLVENT TRANSFER/ATORAGE

Supplied with high vacuum valve with PTFE O-ring at tip.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint	Valve Size (mm)
F484250	250	24/29	24/40	0-4
F484258	250	24/29	24/40	0-8
F481500	500	14/23	14/20	0-4
F484500	500	24/29	24/40	0-4
F484508	500	24/29	24/40	0-8
F484000	1000	24/29	24/40	0-4
F484008	1000	24/29	24/40	0-8

FLASK, REACTION, HIGH VACUUM VALVE

Supplied with high vacuum valve with PTFE O-ring at tip and PTFE wiper to protect Vilton O-ring on shaft.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint	Valve size (mm)
F541050	50	14/23	14/20	0-4
F541950	50	19/26	19/22	0-4
F541100	100	14/23	14/20	0-4
F549100	100	19/26	19/22	0-4
F544100	100	24/29	24/40	0-4
F541250	250	14/23	14/20	0-4
F549250	250	19/26	19/22	0-4
F544250	250	24/29	24/40	0-4
F544500	500	24/29	24/40	0-4
F54241L	1000	24/29	24/40	0-4

PRESSURE VESSEL, HEAVY WALL*

Heavy wall cylindrical vessels have an internal thread for use with a 15mm Teflon bushing as a pressure seal. This unique design allows hand tightening and loosing for easy access into the vessel. The O-ring is positioned on the bushing above the thread for improved sealing. The vessels are useful for pressure reactions and applications such as polymerization and analysis of halogens by thermal decomposition in the presence of lime. Complete apparatus is supplied with vessel, Teflon bushing and Viton O-ring.

Item No.	Capacity (ml)	O.D.× Overall (mm)	SL thread size	Supplied
P160001	15	26×109	15	complete
P160002	35	26×164	15	complete
P160003	38	26×174	15	complete
P160004	48	46×109	15	complete
P160005	100	46×149	15	complete
P160006	120	46×169	15	complete
P170001	75	46×129	15	complete
P170002	75	50×137	25	complete
P170003	150	60×139	15	complete
P170004	150	60×147	25	complete
P170005	350	80×154	15	complete
P170006	350	80×162	25	complete

*Important Warnings for Pressurized Glassware: Due to varying conditions, we cannot guarantee glass vessels from breakage under pressure. Always work behind a safety shield

FLASK, REACTION--2-NECK

With a 2mm glass stopcock having a constant pressure retention device.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F161450	50	14/23	14/20
F161100	100	14/23	14/20
F169100	100	19/26	19/22
F164100	100	24/29	24/40
F164250	250	19/26	24/40
F164500	500	24/29	24/40

FLASK, REACTION--WITH GLASS STOPCOCK

With 2mm glass stopcock. With spring retention device for smooth turning purpose

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint
F531050	50	14/23	14/20
F531100	100	14/23	14/20
F539100	100	19/26	19/22
F534100	100	24/29	24/40
F531250	250	14/23	14/20
F534250	250	24/29	24/40
F534500	500	24/29	24/40


FUNNEL, SEPARATORY, TEFLON STOPCOCK

Supplied with a Glass or Teflon stopper

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint	PTFE stopcock (mm)	Stopper
F451010A	10	14/23	14/20	2	GLASS
F451025A	25	14/23	14/20	2	GLASS
F451050A	50	14/23	14/20	2	GLASS
F451100A	100	14/23	14/20	2	GLASS
F459100A	100	19/26	19/22	2	GLASS
F451125A	125	14/23	14/20	2	GLASS
F459125A	125	19/26	19/22	2	GLASS
F454125A	125	24/29	24/40	2	GLASS
F451250A	250	14/23	14/20	4	GLASS
F459250A	250	19/26	19/22	4	GLASS
F454250A	250	24/29	24/40	4	GLASS


FUNNEL, SEPARATORY, TEFLON STOPCOCK

Supplied with a Glass or Teflon stopper

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint	PTFE stopcock (mm)	Stopper
F471010A	10	14/23	14/20	2	GLASS
F479010A	10	19/26	19/22	2	GLASS
F471025A	25	14/23	14/20	2	GLASS
F479025A	25	19/26	19/22	2	GLASS
F471050A	50	14/23	14/20	2	GLASS
F479050A	50	19/26	19/22	2	GLASS
F471100A	100	14/23	14/20	2	GLASS
F479100A	100	19/26	19/22	2	GLASS
F471125A	125	14/23	14/20	2	GLASS
F479125A	125	19/26	19/22	2	GLASS
F474125A	125	24/29	24/40	2	GLASS
F479250A	250	19/26	19/22	4	GLASS
F474250A	250	24/29	24/40	4	GLASS
F472925A	250	29/32	29/42	4	GLASS
	500	24/29	24/40	4	GLASS
F472950A	500	29/32	29/42	4	GLASS
F474000A	1000	24/29	24/40	4	GLASS
	1000	29/32	29/42	4	GLASS
	2000	24/29	24/40	4	GLASS
	2000	29/32	29/42	4	GLASS
	5000	24/29	24/40	6	GLASS
	5000	29/32	29/42	6	GLASS

FILTER FUNNEL, BUCHNER, INNER JOINT

Not recommended for filtration where pressurewould exceed 15 psi.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint	Fill O.D. (mm)	Porosity
F362014C	15	14/23	14/20	20	C
F362014M	15	14/23	14/20	20	M
F362019C	15	19/26	19/22	20	C
F362019M	15	19/26	19/22	20	M
F362024C	15	24/29	24/40	20	C
F362024M	15	24/29	24/40	20	M
F363014C	30	14/23	14/20	30	C
F363014M	30	14/23	14/20	30	M
F363019C	30	19/26	19/22	30	C
F363019M	30	19/26	19/22	30	M
F363024C	30	24/29	24/40	30	C
F363024M	30	24/29	24/40	30	M
F364014C	60	14/23	14/20	40	C
F364014M	60	14/23	14/20	40	M
F364019C	60	19/26	19/22	40	C
F364019M	60	19/26	19/22	40	M
F364024C	60	24/29	24/40	40	C
F364024M	60	24/29	24/40	40	M
F366024C	150	24/29	24/40	60	C
F366024M	150	24/29	24/40	60	M
F366029C	150	29/32	29/42	60	C
F366029M	150	29/32	29/42	60	M
F368024C	350	24/29	24/40	80	C
F368024M	350	24/29	24/40	80	M
F369024C	600	24/29	24/40	90	C
F369024M	600	24/29	24/40	90	M

FUNNEL, PRESSURE EQUALIZING

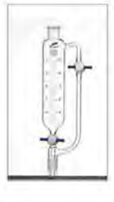
With straight bore Teflon stopcock in pressure equalizing line, graduated.

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint	Stopcock Bore (mm)
F621410	10	14/23	14/20	2
F621425	25	14/23	14/20	2
F622425	25	24/29	24/40	2
F621460	60	14/23	14/20	2
F621960	60	19/26	19/22	2
F622460	60	24/29	24/40	2
F621125	125	14/23	14/20	2
F629125	125	19/26	19/22	2
F624125	125	24/29	24/40	2
F629250	250	19/26	19/22	2
F624250	250	24/29	24/40	2
F624500	500	24/29	24/40	4
F62241L	1000	24/29	24/40	4

FILTER FUNNEL, PERFORATED PLATE

Disc of O.D. is 24mm

Item No.	O.D. (mm)	European Standard Joint	U.S. Standard Joint
F932450	50	24/29	24/40
F932475	75	24/29	24/40
F932490	90	24/29	24/40



FUNNEL, PRESSURE EQUALIZING, TEFLON STOPCOCK

With straight bore Teflon stopcock in pressure equalizing line, graduated

Item No.	Capacity (ml)	European Standard Joint	U.S. Standard Joint	Stopcock Bore (mm)
F671425	25	14/23	14/20	2
F672460	60	24/29	24/40	2
F674125	125	24/29	24/40	2
F674250	250	24/29	24/40	2
F674500	500	24/29	24/40	4
F67241L	1000	24/29	24/40	4

JOAN LAB EQUIPMENT

FUNNEL, PRESSURE EQUALIZING, HIGH VACUUM VALVE

With Teflon extended tip valve for semi-needle valve adjustment.

Item No.	Capacity (ml)	European Standard Joint	U.S Standard Joint	Valve Orifice (mm)
F641425	25	14/23	14/20	0-4
F641460	60	14/23	14/20	0-4
F641960	60	19/26	19/22	0-4
F642460	60	24/29	24/40	0-4
F641125	125	14/23	14/20	0-4
F649125	125	19/26	19/22	0-4
F644125	125	24/29	24/40	0-4
F644250	250	24/29	24/40	0-4

FILTER FUNNEL

O.D. of Disc is 24mm

Item No.	O.D. (mm)	European Standard Joint	U.S Standard Joint	Porosity
F752450C	50	24/29	24/40	C
F752450M	50	24/29	24/40	M
F752475C	75	24/29	24/40	C
F752475M	75	24/29	24/40	M
F752490C	90	24/29	24/40	C
F752490M	90	24/29	24/40	M

FUNNEL, SOLVENT ADDITION

Design of funnel permits addition of solvents to flash chromatography columns without disturbing the silica-gel/packing layer. Lower end of the funnel is closed and the stem has a series of small holes through which the solvent drains. Top of the funnel is 90mm in diameter with the stem size as listed.

Item No.	Stem O.D.× length (mm)
F291275	12×75 *
F291210	12×100 *
F291975	19×75 *
F291910	19×100 *
F292810	28×100 **
F292812	28×125 **

* Fit column with 24/40 joint or 35/20 joint.
** Fit column with large joint like 45/50 standard or 50/30 spherical joint

FILTER FUNNEL, BUCHNER, INNER JOINT

Not recommended for filtration where pressure would exceed 15psi.

Item No.	Capacity (ml)	European Standard Joint Size	U.S Standard Joint Size	Fit O.D. (mm)
F362014M	15	14/23	14/20	20
F362019M	15	19/26	19/22	20
F362024M	15	24/29	24/40	20
F363014M	30	14/23	14/20	30
F363019M	30	19/26	19/22	30
F363024M	30	24/29	24/40	30
F364014M	60	14/23	14/20	40
F364019M	60	19/26	19/22	40
F364024M	60	24/29	24/40	40
F366024M	150	24/29	24/40	60
F366029M	150	29/32	29/42	60
F368024M	350	24/29	24/40	80
F369024M	600	24/29	24/40	90

FILTER FUNNEL, BUCHNER

With sealed-in glass disc of the listed porosity. Not recommended for filtration where pressure would exceed 15psi. XC-extra coarse, C-Coarse, M-Medium, F-Fine porosity.

Item No.	Capacity (ml)	Disc O.D. (mm)	Porosity
F601002C	2	10	C
F601002M	2	10	M
F601002F	2	10	F
F602015C	15	20	C
F602015X	15	20	XC
F602015M	15	20	M
F602015F	15	20	F
F603030X	30	30	XC
F603030C	30	30	C
F603030M	30	30	M
F603030F	30	30	F
F604060X	60	40	XC
F604060C	60	40	C
F604060M	60	40	M
F604060F	60	40	F
F606150X	150	60	XC
F606150C	150	60	C
F606150M	150	60	M
F606150F	150	60	F
F608350X	350	80	XC
F608350C	350	80	C
F608350M	350	80	M
F608350F	350	80	F
F609600C	600	90	C
F609600M	600	90	M
F609600F	600	90	F

COLUMN, DISTILLING, VIGREUX

Column length is measured from the highest to lowest indent in the column.

Item No.	Indentation Length (mm)	European Standard Upper Joint	U.S Standard Upper Joint	European Standard Lower Joint	U.S Standard Lower Joint
C101075	75	14/23	14/20	14/23	14/20
C101100	100	14/23	14/20	14/23	14/20
C101420	120	14/23	14/20	14/23	14/20
C101922	120	19/26	19/22	19/26	19/22
C109130	130	19/26	19/22	19/26	19/22
C102441	120	24/29	24/40	24/29	24/40
C104150	150	24/29	24/40	24/29	24/40
C102442	200	24/29	24/40	24/29	24/40
C102443	300	24/29	24/40	24/29	24/40

EQUIPMENT

FUNNEL, POWDER

Funnels have 60° side angle and a standard taper inner joint.

Item No.	Top Dia. (mm)	European Standard Joint Size	U.S Standard Joint Size
F182450	50	24/29	24/40
F182475	75	24/29	24/40
F184100	100	24/29	24/40
F188100	100	29/32	29/42
	120	29/32	29/42

CONDENSER, DISTILLATION, VACUUM JACKETED

With 12mm I.D. indentations to support packing material. Vacuum jacketed to improve performance

Item No.	Jacket Height (mm)	European Standard Joint	U.S Standard Joint
C161100	130	14/23	14/20
C164250	250	24/29	24/40

CONDENSER WEST, REMOVABLE HOSE CONNECTIONS

With narrow annular space for high cooling efficiency.

Item No.	Jacket Length (mm)	European Standard Joint	U.S Standard Joint
C551110	110	14/23	14/20
C550190	190	14/23	14/20
C554100	100	24/29	24/40
C551190	190	24/29	24/40
C554200	200	24/29	24/40
C554300	300	24/29	24/40

CONDENSER, LIEBIG, REMOVABLE HOSE CONNECTIONS

With joints at the top and the bottom.

Item No.	Jacket Length (mm)	European Standard Joint	U.S Standard Joint	O.D. Hose Connection (mm)
C501120	120	14/23	14/20	8
C509180	180	19/26	19/22	8
C509300	300	19/26	19/22	8
C504200	200	24/29	24/40	8
C504250	250	24/29	24/40	8
C504300	300	24/29	24/40	8
C504400	400	24/29	24/40	8
C504500	500	24/29	24/40	8

CONDENSER, REFLUX

Coil section is 100mm in height.

Item No.	--	European Standard Joint	U.S Standard Joint
C351420	--	14/23	14/20
C351922	--	19/26	19/22

CONDENSER, ALLIHN

With joints at the top and the bottom.

Item No.	Jacket Length (mm)	European Standard Joint	U.S Standard Joint	O.D. Hose Connection (mm)
C251120	120	14/23	14/20	8
C259200	200	19/26	19/22	8
C259300	300	19/26	19/22	8
C251200	200	24/29	24/40	10
C254300	300	24/29	24/40	10
C254400	400	24/29	24/40	10
C255300	300	29/32	29/42	10
C255400	400	29/32	29/42	10

CHROMATOGRAPHY RESERVOIR

For flash chromatography.

Item No.	Capacity (ml)	European Standard Joint	U.S Standard Joint
C184100	100	24/29	24/40
C182402	250	24/29	24/40
C182403	500	24/29	24/40
	1000		
	2000		
C193502	250		35/20
C193503	500		35/20

CONDENSER, COILED

With joints at top and bottom.

Item No.	Jacket Length (mm)	European Standard Joint	U.S Standard Joint	O.D. Hose Connection (mm)
C121100	100	14/23	14/20	8
C121120	120	14/23	14/20	8
C129200	200	19/26	19/22	8
C124200	200	24/29	24/40	10
C124300	300	24/29	24/40	10
C124400	400	24/29	24/40	10

CONDENSER, FRIEDRICHS, REMOVABLE HOSE CONNECTIONS

With a joint at 15° angle. Supplied completely with Nylon cap and hose connections.

Item No.	Over Height (mm)	Hose Connection (mm)	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint
C272440	330	10	24/29	24/40	24/29	24/40

CONDENSER, FRIEDRICHS, WITH 24/40 JOINT

With a joint at 15° angle.

Item No.	Over Height (mm)	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint
C212440	330	24/29	24/40	24/29	24/40
C214550	340	24/29	24/40	45/40	45/50

CONDENSER, REFLUX

Coil style reflux condenser with tightly wrapped coil providing maximum cooling. Excellent for use with volatile solvents. Condenser has a top outer standard taper joint and lower inner drip tip joint. Hose connections have an O.D. of 8mm or 10mm at the middle serration.

Item No.	Jacket Length (mm)	Overall Height (mm)	Hose Connection (mm)	European Standard Joint	U.S Standard Joint
C261100	100	205	8	14/23	14/20
C262280	180	305	8	14/23	14/20
C269100	125	205	8	19/26	19/22
C264125	125	275	10	24/29	24/40
C264175	175	325	10	24/29	24/40
C264225	225	375	10	24/29	24/40
C264275	275	425	10	24/29	24/40

CONDENSER, REFLUX, LARGE COOLING CAPACITY

Jacket has an O.D. of 40mm while coil O.D. is 8mm to provide maximum cooling capacity.

Item No.	Coil Length (mm)	Overall Height (mm)	Hose Connection (mm)	European Standard Joint	U.S Standard Joint
C314125	125	300	10	24/29	24/40
C314175	175	350	10	24/29	24/40

CONDENSER, FRIEDRICHS, REMOVABLE HOSE CONNECTIONS

With a joint at 15° angle. Supplied completely with Nylon cap and hose connections.

Item No.	Column O.D. (mm)	Column I.D. (mm)	Effective Length Inch(mm)	Stopcock Bore (mm)	European Standard Joint	U.S Standard Joint
C184171	17	13.4	8(203)	2	24/29	24/40
C184172	17	13.4	10(254)	2	24/29	24/40
C184173	17	13.4	12(305)	2	24/29	24/40
C184261	26	20	8(203)	2	24/29	24/40
C184262	26	20	10(254)	2	24/29	24/40
C184263	26	20	12(305)	2	24/29	24/40
C184264	26	20	18(457)	2	24/29	24/40
C184321	32	26	8(203)	2	24/29	24/40
C184322	32	26	10(254)	2	24/29	24/40
C184323	32	26	12(305)	2	24/29	24/40
C184324	32	26	18(457)	2	24/29	24/40
C184461	46	40	8(203)	2	24/29	24/40
C184462	46	40	10(254)	2	24/29	24/40
C184463	46	40	12(305)	2	24/29	24/40
C184464	46	40	18(457)	2	24/29	24/40
C184603	60	53	12(305)	2	24/29	24/40
C184604	60	53	18(457)	2	24/29	24/40
C184605	60	53	24(610)	2	24/29	24/40

CONDENSER, COLD FINGER, WITH DRIP TIP

Extended offset lower tip for drop control.

Item No.	Length Below Joint(mm)	Hose O.D. (mm)	European Standard Joint	U.S Standard Joint
C111420	100	8	14/23	14/20
C114150	150	10	24/29	24/40
C114200	200	10	24/29	24/40
C114250	250	10	24/29	24/40

CONDENSER, FRIEDRICHS

Item No.	Over Height (mm)	Hose Connection (mm)	European Standard Joint	U.S Standard Joint
C232440	330	10	24/29	24/40

CONDENSER, GRAHAM

Item No.	Jacket Length (mm)	O.D. Hose Connection (mm)	European Standard Joint	U.S Standard Joint
C141120	120	8	14/23	14/20
C149200	200	8	19/26	19/22
C144200	200	8	24/29	24/40
C144250	250	10	24/29	24/40
C144300	300	10	24/29	24/40
C144400	400	10	24/29	24/40

CHROMATOGRAPHY COLUMN, HEAVY WALL DESIGN

General purpose column has a Teflon stopcock and a top outer joint. With a coarse porosity fritted disc to support column packing. The section below disc is carefully minimized to prevent re-mixing of components already separated.

Item No.	Column O.D. (mm)	Column I.D. (mm)	Effective Length Inch(mm)	Stopcock Bore (mm)	European Standard Joint	U.S Standard Joint
C184171C	17	13.4	8(203)	2	24/29	24/40
C184172C	17	13.4	10(254)	2	24/29	24/40
C184173C	17	13.4	12(305)	2	24/29	24/40
C184261C	26	20	8(203)	2	24/29	24/40
C184262C	26	20	10(254)	2	24/29	24/40
C184263C	26	20	12(305)	2	24/29	24/40
C184264C	26	20	18(457)	2	24/29	24/40
C184321C	32	26	8(203)	2	24/29	24/40
C184322C	32	26	10(254)	2	24/29	24/40
C184323C	32	26	12(305)	2	24/29	24/40
C184324C	32	26	18(457)	2	24/29	24/40
C184461C	46	40	8(203)	2	24/29	24/40
C184462C	46	40	10(254)	2	24/29	24/40
C184463C	46	40	12(305)	2	24/29	24/40
C184464C	46	40	18(457)	2	24/29	24/40
C184602C	60	53	10(254)	4	24/29	24/40
C184603C	60	53	12(305)	4	24/29	24/40
C184604C	60	53	18(457)	4	24/29	24/40
C184605C	60	53	24(610)	4	24/29	24/40

CHROMATOGRAPHY COLUMN, MODIFIED

Short column with lower 24/40 joint and hose connection for vacuum.(U.S standard)
Short column with lower 19/26 joint and hose connection for vacuum.(European standard)

Item No.	Column O.D. (mm)	Length* (mm)	Porosity
F234020C	40	200	Coarse
F234030C	40	300	Coarse
F234030M	40	300	Medium
F236040C	60	400	Coarse
F238530C	90	300	Coarse
F238540C	90	400	Coarse

COLUMN, CHROMATOGRAPHY WITH RESERVOIR

With 24/40 outer joint at top.(U.S standard)
With 24/29 outer joint at top.(European standard)

Item No.	Column O.D. (mm)	Column I.D. (mm)	Effective Length Inch(mm)	PTFE Stopcock Bore(mm)	Capacity of Reservoir (mL)	European Standard Joint	U.S Standard Joint
C371720	17	13.4	8(203)	2	100	24/29	24/40
C371730	17	13.4	12(305)	2	100	24/29	24/40
C371740	17	13.4	18(457)	2	250	24/29	24/40
C372620	26	20	8(203)	2	250	24/29	24/40
C372625	26	20	10(254)	2	250	24/29	24/40
C372630	26	20	12(305)	2	250	24/29	24/40
C372640	26	20	18(457)	2	500	24/29	24/40
C373220	32	26	8(203)	2	500	24/29	24/40
C373225	32	26	10(254)	2	500	24/29	24/40
C373230	32	26	12(305)	2	500	24/29	24/40
C373240	32	26	18(457)	2	500	24/29	24/40
C374620	46	40	8(203)	2	500	24/29	24/40
C374625	46	40	10(254)	2	500	24/29	24/40
C374630	46	40	12(305)	2	500	24/29	24/40
C374640	46	40	18(457)	2	500	24/29	24/40
C376025	60	53	10(254)	4	500	24/29	24/40
C376030	60	53	12(305)	4	1000	24/29	24/40
C376040	60	53	18(457)	4	1000	24/29	24/40
C378020	80	73	8(203)	4	1000	24/29	24/40
C378040	80	73	18(457)	4	1000	24/29	24/40

COLUMN, CHROMATOGRAPHY, TEFLON STOPCOCK, FRITTED DISC

With reinforced beaded top, coarse porosity fritted disc to support column packing.

Item No.	Column O.D. (mm)	Column I.D. (mm)	Effective Length Inch (mm)	PTFE Stopcock Bore(mm)
C361720C	17	13.4	8(203)	2
C361725C	17	13.4	10(254)	2
C361730C	17	13.4	12(305)	2
C361740C	17	13.4	18(457)	2
C362620C	26	20	8(203)	2
C362625C	26	20	10(254)	2
C362630C	26	20	12(305)	2
C362640C	26	20	18(457)	2
C363225C	32	26	10(254)	2
C363230C	32	26	12(305)	2
C363240C	32	26	18(457)	2
C364620C	46	40	8(203)	2
C364625C	46	40	10(254)	2
C364630C	46	40	12(305)	2
C364640C	46	40	18(457)	2
C366040C	60	53	18(457)	4
C366060C	60	53	24(610)	4
C368030C	80	73	12(305)	4

COLUMN, CHROMATOGRAPHY, TEFLON STOPCOCK

With reinforced beaded top.

Item No.	Column O.D. (mm)	Column I.D. (mm)	Effective Length Inch (mm)	PTFE Stopcock Bore(mm)
C361320	13	10	8(203)	2
C361330	13	10	12(305)	2
C361340	13	10	16(406)	2
C361720	17	13	8(203)	2
C361725	17	13	10(254)	2
C361730	17	13	12(305)	2
C362620	26	20	8(203)	2
C362625	26	20	10(254)	2
C362630	26	20	12(305)	2
C362640	26	20	18(457)	2
C363225	32	26	10(254)	2
C364640	46	40	18(457)	2
C366030	60	53	12(305)	4
C366040	60	53	18(457)	4
C366060	60	53	24(610)	4
C368030	80	73	12(305)	4

ADAPTER, ENLARGING

With joints at top and bottom.

Item No.	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint
A251914	19/26	19/22	14/23	14/20
A252414	24/29	24/40	14/23	14/20
A252419	24/29	24/40	19/26	19/22
A252914	29/32	29/42	14/23	14/20
A252924	29/32	29/42	24/29	24/40
A253424	34/35	34/45	24/29	24/40
A254024	--	40/50	24/29	24/40
A254529	45/40	45/50	29/32	29/42

ADAPTER, REDUCING

With joints at top and bottom.

Item No.	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint
A201024	14/23	10/30	24/29	24/40
A201419	14/23	14/20	19/26	19/22
A201424	14/23	14/20	24/29	24/40
A201924	19/26	19/22	24/29	24/40
A202429	24/29	24/40	29/32	29/42
A202434	24/29	24/40	34/35	34/45
A202445	24/29	24/40	45/40	45/50

Standard Joint Stopper

European Standard Joint	U.S Standard Joint
14/23	14/20
19/26	19/22
24/29	24/40
39/32	29/42
34/35	34/45
--	40/50
45/40	45/50

ADAPTER, INLET, WITH HOSE CONNECTION

Same as above but with 8mm or 10mm hose connection for N2/Ar introduction or vacuum. Supplied with one Nylon cap and one Viton O-ring.

Item No.	European Standard Joint	U.S Standard Joint
A531420	14/23	14/20
A532440	24/29	24/40
Accessories:		
RC009	NYLON CAPS	
R107	REPLACEMENT VITON O-RINGS, SIZE 107	

ADAPTER, VACUUM OR ARGON

With hose connection on the side and male joint.

Item No.	Hose O.D. (mm)	European Standard Joint	U.S Standard Joint
A291420	8	14/23	14/20
A291922	8	19/26	19/22
A292440	10	24/29	24/40
A292942	10	29/32	29/42

Item No.	Hose O.D. (mm)	European Standard Joint	U.S Standard Joint
A301420	8	14/23	14/20
A301922	8	19/26	19/22
A302440	10	24/29	24/40
A302942	10	29/32	29/42

ADAPTER, VACUUM OR ARGON (NITROGEN)

With hose connection on the top and male joint.

ADAPTER, WITH BALL SOCKET

Item No.	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint
A663514	--	35/20	14/23	14/20
A663524	--	35/20	24/29	24/40

With top spherical socket joint and lower standard taper inner joint.

With a compression cap and Viton O-ring to form a vacuum tight seal.To use it as a syringe port, simply replace the O-ring withTeflon -lined septum. Cap accommodates 5.0 - 7.5mm O.D. thermometer.Supplied with one Nylon cap and one Viton O-ring.

ADAPTER, INLET OR THERMOMETER

Item No.	European Standard Joint	U.S Standard Joint
A521420	14/23	14/20
A521922	19/26	19/22
A522440	24/29	24/40
Accessories:		
RC009	Nylon caps	
R107	Replacement Viton O-rings, Size 107	

ADAPTER, VACUUM/INERT GAS, 90°

Item No.	Hose Connection O.D. (mm)	European Standard Joint	U.S Standard Joint
A921420	8	14/23	14/20
A921922	8	19/26	19/22
A922440	10	24/29	24/40

ADAPTER, VACUUM/GAS, BALL JOINT

With 35/20 ball joint and 10mm Hose connection.

Item No.	--	European Standard Joint	U.S Standard Joint
A293520	--	--	35/20

ADAPTER, VACUUM, 90°, OUTER JOINT

Item No.	Hose Connection O.D. (mm)	European Standard Joint	U.S Standard Joint
A951420	8	14/23	14/20
A951922	8	19/26	19/22

ADAPTER, INLET

With an extra coarse disc to prevent solid from being introduced into reaction system during liquid transfer.

Item No.	Height	European Standard Joint	U.S Standard Joint
A831420	65	14/23	14/20
A831922	67	19/26	19/22
A832440	95	24/29	24/40

ADAPTER, TWIN CONNECTING HOSE

Adapter has two hose connections 180° from one another to permit aflow of inert gas over the apparatus.

Item No.	Hose O.D. (mm)	European Standard Joint	U.S Standard Joint
A341420	8	14/23	14/20
A341922	8	19/26	19/22
A342440	10	24/29	24/40
A342942	10	29/32	29/42

ADAPTER, VACUUM, OUTER JOINT

Ideal for use as a vent or for the introduction of pressure/vacuum.

Item No.	Hose O.D. (mm)	European Standard Joint	U.S Standard Joint
A321420	8	14/23	14/20
A322440	10	24/29	24/40

ADAPTER, VACUUM, PTFE STOPCOCK

Used to regulate the flow of gases or liquids into reaction systems.Teflon stopcock has a bore of 2mm. With standard taper inner joint.

Item No.	Stopcock Bore (mm)	European Standard Joint	U.S Standard Joint
A701420	2	14/23	14/20
A701922	2	19/26	19/22
A702440	2	24/29	24/40

Item No.	Stopcock Bore (mm)	European Standard Joint	U.S Standard Joint
A711420	2	14/23	14/20
A711922	2	19/26	19/22
A712440	2	24/29	24/40

ADAPTER, OUTER JOINT, PTFE STOPCOCK

For regulating the flow of gases or liquids into reaction systems. Stopcock has a bore of 2mm. With standard taper outer joint.

Item No.	--	European Standard Joint	U.S Standard Joint
A681420	--	14/23	14/20
A681922	--	19/26	19/22
A682440	--	24/29	24/40

ADAPTER, FLUSHING

With 2mm T-bore PTFE stopcock.

ADAPTER, VACUUM/INERT GAS

With 4mm T-bore glass stopcock having constant pressure retention device or 2mm T-bore 1:5 taper Teflon plug.

Item No.	Stopcock Type	European Standard Joint	U.S Standard Joint
A881420	TEFLON	14/23	14/20
A882440	TEFLON	24/29	24/40

ADAPTER, THERMOMETER

With 10/30 thermometer joint, angled for use in multiple neck flask.

Item No.	European Standard Joint	U.S Standard Joint
A162440	24/29	24/40

ADAPTER, FLUSHING

With 2mm T-bore PTFE stopcock.

Item No.	European Standard Joint	U.S Standard Joint
A761420	14/23	14/20
A762440	24/29	24/40

ADAPTER, CONNECTING

With 2mm Teflon stopcock. Converts standard vessels to airless applications

Item No.	European Standard Joint	U.S Standard Joint
A192424	24/29	24/40

ADAPTER, VACUUM TRANSFER

With 2mm Teflon stopcock. For transfer of sensitive and hazardous solutions.

Item No.	European Standard Joint	U.S Standard Joint
A121420	14/23	14/20
A121922	19/26	19/22
A122440	24/29	24/40

ADAPTER, INLET

Item No.	Hose O.D. (mm)	Tube Length (mm)	European Standard Joint	U.S Standard Joint
A314075	10	75	24/29	24/40
A314250	10	250	24/29	24/40

ADAPTER, DISTILLATION, BENT, 105°

Also used as rotary evaporator washer. When filled with ethanol or acetone and suddenly with finger released, the mashing solvent is sprayed into the Rotavapor Condenser and thus cleans the entire system very simple and handy.

Item No.	European Standard Joint	U.S Standard Joint
A412440	24/29	24/40

ADAPTER, VACUUM, WITH 1:5 TEFLON STOPCOCK

With 8mm or 10mm O.D. hose connection and 2mm Teflon stopcock.

Item No.	European Standard Joint	U.S Standard Joint	European Standard Joint	U.S Standard Joint
A381420	14/23	14/20	14/23	14/20
A381922	19/26	19/22	19/26	19/22
A382440	24/29	24/40	24/29	24/40

ADAPTER, FLOW CONTROL, METERING STOPCOCK

Adapter has a 2mm Teflon metering stopcock between top outer and lower inner standard taper joints to permit flow control of fluidsbetween apparatus.

Item No.	Stopcock Joints Bore(mm)	European Standard Joint	U.S Standard Joint
A732440	2	24/29	24/40

ADAPTER, FLOW CONTROL, METERING STOPCOCK, 90°

Provides on/off control with the main valve. Allows delivery of preset volumes of gases or liquids to reactions using the needle valve.

Item No.	Stopcock Bore (mm)	European Standard Joint	U.S Standard Joint
A721420	2	14/23	14/20
A721922	2	19/26	19/22
A722440	2	24/29	24/40

ADAPTER, INLET WITH HOSE CONNECTION

With vacuum take-off and drip tip

Item No.	Hose O.D. (mm)	European Standard Joint	U.S Standard Joint
A431420	8	14/23	14/20
A431922	8	19/26	19/22
A432440	10	24/29	24/40

ADAPTER, VACUUM

With 2mm straight-bore PTFE or Glass stopcock.

Item No.	Stopcock Type	European Standard Joint	U.S Standard Joint
A741420	TEFLON	14/23	14/20
A741922	TEFLON	19/26	19/22
A742240	TEFLON	24/29	24/40

ADAPTER, DISTILLING, 105°

With an outer joint at top. Tapered drip tube extends into open receivers.

Item No.	Height × Width (mm)	European Standard Joint	U.S Standard Joint
A961922	90×60	19/26	19/22
A962440	141×105	24/29	24/40

ADAPTER, ANTI-CLIMB

Bump Trap-selfwashing, Rotary Evaporator Trap provides expanded volume for reactions that have a tendency to foam excessively. The inner vapor tube is sealed to the top of the trap to prevent entry into the condenser

Item No.	Capacity (ml)	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint
A272414	100	24/29	24/40	14/23	14/20
A272419	100	24/29	24/40	19/26	19/22
A274100	100	24/29	24/40	24/29	24/40
A272250	250	24/29	24/40	14/23	14/20
A274250	250	24/29	24/40	24/29	24/40
A279450	250	29/32	29/42	24/29	24/40

ADAPTER,DISTILLING TRAP

Bump Trap-selfwashing, Rotary Evaporator Adapter is placed above flask to prevent carry-over of reactions which have a tendency to foam.

Item No.	Capacity (ml)	European Standard Upper Joint	U.S Standard Upper Joint	European Standard Lower Joint	U.S Standard Lower Joint
A262414	100	24/29	24/40	14/23	14/20
A262419	100	24/29	24/40	19/26	19/22
A264100	100	24/29	24/40	24/29	24/40

ADAPTER, ANTI-SPLASH

Bump Trap-selfwashing . Rotary Evaporator. This design prevents possible contamination from rotary evaporator.

Item No.	Capacity (ml)	European Standard Upper Joint	U.S Standard Upper Joint	European Standard Lower Joint	U.S Standard Lower Joint
A282414	100	24/29	24/40	14/23	14/20
A282419	100	24/29	24/40	19/26	19/22
A282424	100	24/29	24/40	24/29	24/40
A282914	100	29/32	29/42	14/23	14/20
A282924	100	29/32	29/42	24/29	24/40
A281250	250	24/29	24/40	14/23	14/20
A289250	250	24/29	24/40	19/26	19/22
A284250	250	24/29	24/40	24/29	24/40
A282250	250	29/32	29/42	24/29	24/40
A288250	250	29/32	29/42	29/32	29/42

ADAPTER, ANTI-SPLASH, WITH FRITTED DISC

Bump Trap-selfwashing . Rotary Evaporator Similar to A28 except with extra coarse fritted disc sealed above lower inner joint. Frit reduces foam from being carryover.

Item No.	Capacity (ml)	European Standard Upper Joint	U.S Standard Upper Joint	European Standard Lower Joint	U.S Standard Lower Joint
A232414	100	24/29	24/40	14/23	14/20
A232419	100	24/29	24/40	19/26	19/22
A232424	100	24/29	24/40	24/29	24/40
A231250	250	24/29	24/40	14/23	14/20
A234250	250	24/29	24/40	24/29	24/40

DRIP TUBE

Inner joint with a sealed on lower tube extending 6"below the grind, having the same O.D. tubing on both ends of the grind.

Item No.	Length Below Joint (mm)	European Standard Joint	U.S Standard Joint	Tubing O.D. (mm)
A501420	153	14/23	14/20	8
A501922	153	19/26	19/22	10
A502440	153	24/29	24/40	12

ADAPTER, TRANSFER VALVE

The 0-4mm high vacuum valves have two Viton O-rings on the shaft and an integral PTFE O-ring on the tip.

Item No.	Overall Height × Width (mm)	European Standard Joint	U.S Standard Joint
A391420	150×75	14/23	14/20
A392440	180×75	24/29	24/40

ADAPTER, DISTILLING, 75°

With compression cap (RC009) and Viton O-ring for forming a vacuum tight seal of plain thermometer.

Item No.	Overall Height × Width (mm)	European Standard Joint	U.S Standard Joint
A971420	110×55	14/23	14/20
A971922	110×55	19/26	19/22
A972440	155×100	24/29	24/40

ADAPTER, DRYING TUBE, "U" SHAPED

With joint. Cotton is usually used to contain drying agent.

Item No.	European Standard Joint	U.S Standard Joint
A851420	14/23	14/20
A851922	19/26	19/22
A852440	24/29	24/40

ADAPTER, DRYING TUBE, STRAIGHT

With top and bottom joints.

Item No.	European Standard Joint	U.S Standard Joint
A861420	14/23	14/20
A861922	19/26	19/22
A862440	24/29	24/40

ADAPTER, DRYING TUBE, 75°

Angled at 75° to avoid desiccant contact with reactions.

Item No.	European Standard Joint	U.S Standard Joint
A871420	14/23	14/20
A871922	19/26	19/22
A872440	24/29	24/40

ADAPTER, DISTILLATION

With threaded thermometer port, supplied complete with Nylon cap (RC009) and Viton O-ring to (R107) accommodate 6-7.5mm O.D. plan thermometer.

Item No.	European Standard Joint	U.S Standard Joint
A901420	14/23	14/20
A901922	19/26	19/22
A902440	24/29	24/40

ADAPTER, DISTILLATION CONNECTING

For use as a component in atmospheric or vacuum distillations.

Item No.	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint	European Standard Side Joint	U.S Standard Side Joint	Immersion(Bottom of top joint to bottom of side hole)(mm)
A351014	--	10/18	14/23	14/20	14/23	14/20	50
A351019	--	10/18	19/26	19/22	19/26	19/22	50
A351024	--	10/18	24/29	24/40	24/29	24/40	76
A351420	14/23	14/20	14/23	14/20	14/23	14/20	--
A351922	19/26	19/22	19/26	19/22	19/26	19/22	--
A352440	24/29	24/40	24/29	24/40	24/29	24/40	--
A351424	14/23	14/20	24/29	24/40	24/29	24/40	--
A354914	14/23	14/20	24/29	24/40	19/26	19/22	--

ADAPTER, CLAISEN

Provides dual entry into a variety of flasks.

Item No.	European Standard Joint	U.S Standard Joint
A371420	14/23	14/20
A371922	19/26	19/22
A372440	24/29	24/40
A372942	29/32	29/42

ADAPTER, DISTILLATION CONNECTING, VIGREUX

Accommodate a 76mm immersion thermometer.

Item No.	European Standard Top Joint	U.S Standard Top Joint	European Standard Other Joint	U.S Standard Other Joint	European Standard Side Joint	U.S Standard Side Joint
A131024	--	10/18	24/29	24/40	24/29	24/40
Accessory:						
T167625	76mm Immersion thermometer-20 °C to 250 °C					

ADAPTER, DISTILLING, BENT, 105°

With an inner drip joint at the bottom and an outer joint at the top.

Item No.	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint
A891420	14/23	14/20	14/23	14/20
A891922	19/26	19/22	19/26	19/22
A892440	24/29	24/40	24/29	24/40

ADAPTER, INLET, LONG STEM

With standard taper top outer and lower inner joints with sealed in lower tube extending below inner joint.

Item No.	Tube Length Below Joint (mm)	European Standard Joint	U.S Standard Joint
A651420	100	14/23	14/20
A652440	200	24/29	24/40

ADAPTER, DISTILLATION HEAD

Vacuum jacketed. The10/18 top joint accommodates a 76mm immersion thermometer.

Item No.	European Standard Top Joint	U.S Standard Top Joint	European Standard Bottom Joint	U.S Standard Bottom Joint
A542440	--	10/18	24/29	24/40

ADAPTER, VACUUM TAKE-OFF, SHORT STEM

With a hose connection and a drip tip.

Item No	Hose connection (mm)	European Standard Joint	U.S Standard Joint
A621420	8	14/23	14/20
A621922	8	19/26	19/22
A622440	10	24/29	24/40
A622942	10	29/32	29/42

ADAPTER, DISTILLATION

With a 10/18 joint on the vertical side tube for a 76mm immersion thermometer

Item No.	Thermometer Joint	European Standard All Joint	U.S Standard All Joint
A362410	10/18	24/29	24/40
Accessory:			
T167625	76mm Immersion thermometer-20 °C to 250 °C		

ADAPTER, CONNECTING

Three-arm design for the assembly of three vessels.

Item No.	European Standard Joint	U.S Standard Joint
A331420	14/23	14/20
A332440	24/29	24/40

ADAPTER, CLAISEN

Three-inlet type for multiple entries into a single neck flask.One side joint is at a 45° angle.

Item No.	European Standard Joint	U.S Standard Joint
A111420	14/23	14/20
A112440	24/29	24/40

ADAPTER, CONNECTING

Three-arm design for the assembly of three vessels.

Item No.	European Standard Joint	U.S Standard Joint
A101420	14/23	14/20
A102440	24/29	24/40

ADAPTER, BENT, 75°

With inner joints at each end.

Item No.	European Standard Joint	U.S Standard Joint
A151420	14/23	14/20
A151922	19/26	19/22
A152440	24/29	24/40

ADAPTER, WITH MINERAL OIL BUBBLER

With 10mm O.D. hose connection.

Item No.	European Standard Joint	U.S Standard Joint
A402440	24/29	24/40

ADAPTER, KJELDAHL TRAP

Distance between center of joints is approximate 200mm.

Item No.	European Standard Joint	U.S Standard Joint
A172440	24/29	24/40

ADAPTER, VACUUM FILTRATION

Used with plain stem Buchner funnels and pluro-stopper. Hose connection has an O.D of 10mm at the largest serration. Order pluro-stoppers below separately.

Item No.	European Standard Lower Joint	U.S Standard Lower Joint	Pluro-stopper size	Fits Funnel Capacity (mL)
A841420	14/23	14/20	#1	2 to 30
A842415	24/29	24/40	#3	15 to 150
A842440	24/29	24/40	#5 or #6	350 to 3000

BUBBLER, MINERAL OIL

With 10mm O.D. hose connection.

Item No.	Body O.D. (mm)	Overall Height × Width (mm)
B257040	26	185×80
B257040L	26	500×80

ADAPTER, VACUUM DISTILLING

Distance between joints is 100mm.Useful in the sub-boiling separation of mixtures having volatile components.

Item No.	HoseO.D. (mm)	European Standard All Joint	U.S Standard All Joint
A491420	8	24/29	24/40

DISTILLATION APPARATUS, MICROSCALE

Short-path design for microscale application, used with 25mm immersion thermometer, and D27 distillation receiver

Item No.	Thermometer Joint	European Standard All Joint	U.S Standard All Joint
D151814	10/18	14/23	14/20
D151819	10/18	19/26	19/22

MANIFOLD, VACUUM/INERT GAS, DOUBLE

Same to the manifold above except with front-left and rear-right 10mm hose

Item No.	Number of Ports	Overall Width (mm)	Valve Orifice (mm)
M101003	3	350	0-4
M101004	4	450	0-4
M101005	5	550	0-4
Accessories:			
S540004	0-4mm high vacuum plug and control knob. (With Viton O-ring at tip)		
R010	Viton O-ring for 0-4mm high vacuum plug shaft		
R007	Viton O-ring for 0-4mm high vacuum valve tip O-ring		

DISTILLATION APPARATUS, MICROSCALE, VIGREUX

With Vigreux Indentations, used with 25mm immersion thermometer,and D27 distillation receiver.

Item No.	Thermometer Joint	European Standard Joint	U.S Standard Joint
D251014	10/18	14/23	14/20
D251019	10/18	19/26	19/22

DISTILLATION APPARATUS, SHORT PATH, VACUUM JACKETED

Used with 25mm immersion thermometer, and D27 distillation receiver

Item No.	Thermometer Joint	European Standard Joint	U.S Standard Joint
D371418	10/18	14/23	14/20

DISTILLING RECEIVER, GRADUATED, WITH HOOKS

Centrifuge tube shaped receiver with an upper standard taper joint.

Item No.	Capacity (mL)	European Standard Joint	U.S Standard Joint
T230012	12	14/23	14/20
T230015	15	14/23	14/20

DISTILLING HEAD

Thermometer joint is 10/18 for 76mm immersion thermometer.Side arm is at 75° angle.

Item No.	Jacket Length (mm)	Top Thermometer Joint	European Standard Lower Inner Joint Size	U.S Standard Lower Inner Joint Size
D304150	150	10/18	24/29	24/40
D304250	250	10/18	24/29	24/40
D304400	400	10/18	24/29	24/40

DISTILLATION APPARATUS, VACUUM

10/18 joint on side tube accommodates 25mm immersion thermometer.

Item No.	European Standard Other Joint	U.S Standard Other Joint	European Standard Joint	U.S Standard Joint
D101410	14/23	14/20	--	10/18
D101910	19/26	19/22	--	10/18
D101414	14/23	14/20	14/23	14/20

DISTILLATION HEAD, JACKETED, VIGREUX, MICRO

Similar to D14 but with the Vigreux column vacuum jacketed to improve distillation performance. To be used with D201414 distribution adapter.

Item No.	European Standard Joint Size	U.S Standard Joint Size	Thermometer Joint	Approx. Height× Width (mm)
D171014	14/23	14/20	10/18	195×190

DISTILLING RECEIVER

Supplied with distribution adapter, three 12mL receiver tubes and three plastic joint clip. With 135° angle between top outer joint and lower inner joint.

Item No.	European Standard Lower Inner Joint Size	U.S Standard Lower Inner Joint Size
D381412	14/23	14/20
Accessories:		
T230012	Receiver Tube, 14/20, 12mL,U.S Standard (Receiver Tube, 14/23, 12mL,European Standard)	
CS001420	Plastic clamp for 14/20 joint,U.S Standard(Plastic clamp for 14/23 joint,U.S Standard)	

DISTILLATION RECEIVER, WITH HOSE CONNECTION

Cow-type design having three receivers spaced 40° apart.105° angle between top outer joint and lower inner joints.

Item No.	European Standard Joint	U.S Standard Joint
D191420	14/23	14/20
D191922	19/26	19/22
D192440	24/29	24/40

DISTILLATION RECEIVER, WITH HOSE CONNECTION

Cow-type design having three receivers spaced 40° apart.105° angle between top outer joint and lower inner joint.

Item No.	European Standard Joint	U.S Standard Joint
D681420	14/23	14/20
D681922	19/26	19/22
D682440	24/29	24/40

DISTILLATION COW RECEIVER

Designed for microscale application. With one female joint and four drip-tip male joints.

Item No.	European Standard Joint	U.S Standard Joint
D161420	14/23	14/20

FILTRATION APPARATUS, 47MM FRITTED, 40/35

Using 47mm membranes for filtering corrosive solutions, particulate removal from HPLC solvents, and filtration analysis with solid phase extraction disks. Support base has a sealed-in coarse porosity fritted disc. Complete assembly includes a 300mL graduated funnel, aluminum clamp, support base and I liter filtering flask.

Item No.	Capacity (mL)
F10401L	250
F10401L	500
F10401L	1000
F10401L	2000
F10401L	5000
F10401L	10L
F10402L	250
F10402L	500
F10402L	1000
F10402L	2000
F10402L	5000
F10402L	10L

Laboratory Glassware

DISTILLATION RECEIVING SET

Designed without hose connection to be used with D10 distillation apparatus.

Item No.	Item Type	European Standard All Joint	U.S Standard All Joint
A581420	Vacuum Adapter	14/23	14/20
D201414	Cow Receiver	14/23	14/20
A581922	Vacuum Adapter	19/26	19/22
D201922	Cow Receiver	19/26	19/22
Accessories:			
CS001420	Plastic clamp for 14/20 joint,U.S Standard (Plastic clamp for 14/23 joint,European Standard)		
CS001922	Plastic clamp for 19/22 joint,U.S Standard (Plastic clamp for 19/26 joint,European Standard)		

DISTILLATION RECEIVING SET

Rotating cow receiver allows four flasks to be progressively filled

Item No.	Item Type	European Standard All Joint	U.S Standard All Joint
A551420	Distribution Adapter	14/23	14/20
D201414	Cow Receiver	14/23	14/20
A551922	Distribution Adapter	19/26	19/22
D201922	Cow Receiver	19/26	19/22
A552440	Distribution Adapter	24/29	24/40
D202424	Cow Receiver	24/29	24/40
Accessories:			
CS001420	Plastic clamp for 14/20 joint,U.S Standard (Plastic clamp for 14/23 joint,European Standard)		
CS001922	Plastic clamp for 19/22 joint,U.S Standard (Plastic clamp for 19/26 joint,European Standard)		
CS002440	Plastic clamp for 24/40 joint,U.S Standard (Plastic clamp for 24/29 joint,European Standard)		

DISTRIBUTION RECEIVER, VERTICAL ORIENTATION

Rotating distillation receiver allows four fractions to be collected Vacuum adapter has a vertical orientation

Item No.	Item Type	European Standard All Joint	U.S Standard All Joint
A592440	Vacuum Adapter	24/29	24/40
D202424	Cow Receiver	24/29	24/40
Accessories:			
CS002440	Plastic clamp for 24/40 joint,U.S Standard (Plastic clamp for 24/29 joint,European Standard)		

DISTILLATION HEAD, VIGREUX, MICRO

Distillation head with condenser sealed to a Vigreux column.Vacuum adapter has an outer joint and accepts a distribution adapter (D201414).To be used with a 25mm immersion thermometer

Item No.	Thermometer Joint	Approx. Height× Width (mm)	European Standard Joint Size	U.S Standard Joint Size
D141014	10/18	195×185	14/23	14/20

DISTILLATION HEAD, VIGREUX, JACKETED

Vacuum jacketed Vigreux distillation head having a sealed on condenser,braced for strength. Vacuum adapter has an inner joint and a sealed in drip tip.To be used with a 25mm immersion thermometer

Item No.	Column Height (mm)	Approx. Height× Width (mm)	Thermometer joint	European Standard Joint	U.S Standard Joint
D211100	100	200×180	10/18	14/23	14/20
D211150	150	250×180	10/18	14/23	14/20
D214200	200	325×350	10/18	24/29	24/40
D214300	300	425×350	10/18	24/29	24/40

DISTILLATION RECEIVER, DEAN STARK

For easy separation of water from reaction or distillation system.Graduated with 2mm Teflon stopcock or 2mm glass stopcock.

Item No.	Capacity (mL)	Approx. Height× Width (mm)	Stopcock (mm)	European Standard Joint	U.S Standard Joint
D451414	5	205×65	2, PTFE	14/23	14/20
D451410	10	190×65	2, PTFE	14/23	14/20
D451910	10	190×75	2, PTFE	19/26	19/22
D452410	10	275×95	2, PTFE	24/29	24/40
D452424	20	325×95	2, PTFE	24/29	24/40
D452910	10	275×95	2, PTFE	29/32	29/42
D452920	20	325×95	2, PTFE	29/32	29/42

DISTILLATION RECEIVER, DEAN STARK

Similar to D451414 above but with the uptake tube vacuum jacketed to improve distillation performance. The jacket eliminates the possibility of condensation or recrystallization of distillate in the sidearm. With 2mm PTFE stopcock.

Item No.	Capacity (mL)	Approx. Height× Width (mm)	Stopcock (mm)	European Standard Joint	U.S Standard Joint
D441405	5.0	205×65	2, PTFE	14/23	14/20
D441410	10.0	190×65	2, PTFE	14/23	14/20
D442410	10.0	275×95	2, PTFE	24/29	24/40
D442420	20.0	275×95	2, PTFE	24/29	24/40

CONDENSER, FOR SOXHLET EXTRACTORS

Allihn reflux condenser with a water cooled inner drip joint at bottom

Item No.	Capacity (mL)	Jacket Length (mm)	Overall Height (mm)	European Standard Joint	U.S Standard Joint
C243445	250	190	275	34/35	34/45
C244500	500	260	365	45/40	45/50
C245550	1000	300	405	55/42	55/50

EXTRACTOR, SOXHLET

Extractor body only.

Item No.	Capacity (mL)	European Standard Upper Joint	U.S Standard Upper Joint	European Standard Lower Joint	U.S Standard Lower Joint
E103424	250	34/35	34/45	24/29	24/40
E104524	500	45/40	45/50	24/29	24/40
E105550	1000	55/42	55/50	24/29	24/40

BOTTLE, GAS WASHING, FRITTED DISC

Gas washing bottle with standard taper 45/50 cap style stopper and fritted disc angled at 15° for even distribution of gas throughout absorbing material. Available with a coarse or extra coarse fritted disc.Order plastic clip separately. (not supplied)

Item No.	Capacity (mL)	Approx. (mL) Height (mm)	Porosity
B300125C	125	290	C
B300125X	125	290	XC
B300250C	250	305	C
B300500C	500	380	C
B300500X	500	380	XC
Accessory:			
CS004550	Plastic Clamp, 45/50,U.S Standard (Plastic Clamp, 34/35,European Standard)		

BOTTLE, GAS WASHING, FRITTED DISC

Gas washing bottle with an extra large diameter (60mm) fritted disc sealed into the bottom of the bottle to enable increased gas throughput and uniform gas distribution. Available with coarse fritted disc. The 24/40 standard taper top outer joint accepts a A292440 gas inlet adapter which is supplied with bottle.

Complete Bottles:

Item No.	Capacity (mL)	Approx. Height (mm)	Porosity
B310350C	350	250	C

MICROSCOPE SLIDES & MICROSCOPE COVER GLASS

Microscope Side And Cover Glass Made According To The Iso International Standard. With Semi-automatic Production Line,pre-cleaned,examined, Environmentally Controlled To Dry And Ready To Use

No.7101

MICROSCOPE SLIDE GROUND EDGES

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	0.8-1.0	50	50	13/12	36*18*16
25.4*76.2 (1*3inch)	0.8-1.0	72	50	19/18	43*20*16
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16

No.7102

MICROSCOPE SLIDE UNGROUND EDGES

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	0.8-1.0	50	50	13/12	36*18*16
25.4*76.2 (1*3inch)	0.8-1.0	72	50	19/18	43*20*16
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16

No.7105

MICROSCOPE SLIDE,FROSTED ONE END ON ONE SIDE, GROUND EDGES

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16

No.7107

MICROSCOPE SLIDE, FROSTED ONE END ON BOTH SIDE, GROUND EDGES.

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16

No.7109

MICROSCOPE SLIDE, COLOR FROSTED ONE END ON ONE SIDE, GROUND EDGE

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16

POSITIVE CHARGE MICROSCOPE SLIDE

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16
25.4*76.2 (1*3inch)	1.0-1.2	100	30		

POLYSINE SLIDES

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16
25.4*76.2 (1*3inch)	1.0-1.2	100	30		

SILANIZED MICROSCOPE SLIDES

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16
25.4*76.2 (1*3inch)	1.0-1.2	100	30		

CYTOLOGY ADHESIVE SLIDES HYDROPHILIC SURFACE

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
25.4*76.2 (1*3inch)	1.0-1.2	50	50	14/13	36*18*16
25.4*76.2 (1*3inch)	1.0-1.2	72	50	20/19	43*20*16
25.4*76.2 (1*3inch)	1.0-1.2	100	30		

COVER GLASS

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
18*18	0.13-0.17	100	500	11/10	33*17*25
20*20	0.13-0.17	100	500	12/11	33*17*25
22*22	0.13-0.17	100	500	13/12	36*18*25
24*24	0.13-0.17	100	500	14/13	36*18*25
24*32	0.13-0.17	100	300	13/12	45*35*13
24*40	0.13-0.17	100	300	15/14	35*31*13
24*50	0.13-0.17	100	300	17/16	36*18*25
24*60	0.13-0.17	100	300	19/18	40*35*13

BORO.3 GALSS COVER GLASS

Size (mm)	Thickness (mm)	Pcs/box	Box/ctn	G/n.w (kg)	Measure (cm)
18*18	0.13-0.17	100	500	11/10	33*17*25
20*20	0.13-0.17	100	500	12/11	33*17*25
22*22	0.13-0.17	100	500	13/12	36*18*25
24*24	0.13-0.17	100	500	14/13	36*18*25
24*32	0.13-0.17	100	300	13/12	45*35*13
24*40	0.13-0.17	100	300	15/14	35*31*13
24*50	0.13-0.17	100	300	17/16	36*18*25
24*60	0.13-0.17	100	300	19/18	40*35*13

CELL BLOOD COUNTING CHAMBER

• volume:0.1 Microliter
•ruling Pattern :improved Neubauer, 1/400 Square Mm

MICRO HEMATOCRIT CAPILLARY BLOOD TUBE

Color	Heparin	Volume (ul)	I.d.	O.d.	Length (mm)	Packing
Red	Yes	75	1.1-1.2	1.5-1.6	75	100pcs/200pcs/500pcs /vial
Blue	No	75	1.1-1.2	1.5-1.6	75	100pcs/200pcs/500pcs /vial