

**Adapters  
Reduction, Expansion**

*Esware*

**Adapters  
Multiple**

**A - 1 Reduction Adapters, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0002	14/23	24/29	170.00
ES 0004	14/23	29/32	220.00
ES 0006	19/26	24/29	170.00
ES 0008	19/26	24/29	220.00
ES 0010	19/26	34/35	276.00
ES 0012	19/26	45/40	356.00
ES 0014	19/26	55/44	571.00
ES 0016	24/29	34/35	276.00
ES 0026	29/32	45/40	356.00
ES 0028	29/32	55/44	571.00

**A - 2 Expansion Adapters, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0030	19/26	14/23	125.00
ES 0032	24/29	19/26	190.00
ES 0034	24/29	14/23	190.00
ES 0036	29/32	24/29	236.00
ES 0038	29/32	19/26	236.00
ES 0040	29/32	14/23	236.00
ES 0042	34/35	29/32	303.00
ES 0044	34/35	24/29	303.00
ES 0046	34/35	19/26	303.00

**A - 3 Multiple Adapters, Two Necks Parallel, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0048	10/19	10/13	195.00
ES 0050	14/23	14/23	259.00
ES 0052	19/26	19/26	334.00
ES 0054	19/26	24/29	334.00
ES 0056	19/26	34/35	447.00
ES 0058	24/29	24/29	402.00
ES 0060	29/32	29/32	672.00

**A - 4 Multiple Adapters, Two Necks, One Vertical and One at Angle, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0062	19/26	19/26	356.00
ES 0064	19/26	24/29	356.00

**A - 5 Multiple Adapters, Three Necks, Two Parallel and One at Angle, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0066	14/23	19/26	413.00
ES 0068	14/23	24/29	515.00
ES 0070	19/26	24/29	515.00
ES 0072	19/26	29/32	562.00

**A - 6 Adapters With T Connection, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0074	14/23	14/23	195.00
ES 0076	14/23	19/26	195.00
ES 0078	14/23	24/29	232.00
ES 0080	19/26	19/26	232.00
ES 0082	19/26	24/29	232.00

**Adapters  
Cone, Socket**

*Esware*

**Adapters  
Receiving**

**A - 7 Cone Adapters, Straight Connection Plain, ESWARR**

Cat. No.	Cone	Price
ES 0084	10/19	86.00
ES 0086	14/23	92.00
ES 0088	19/26	120.00
ES 0090	24/29	132.00
ES 0092	29/32	145.00
ES 0094	34/35	211.00

**A - 8 Cone Adapters, Straight Connection with Stopcock, ESWARR**

Cat. No.	Cone	Price
ES 0096	14/23	339.00
ES 0098	19/26	345.00
ES 0100	24/29	369.00
ES 0102	29/32	413.00

**A - 9 Socket Adapters, Straight Connection with Stopcock, ESWARR**

Cat. No.	Cone	Price
ES 0104	14/23	339.00
ES 0106	19/26	345.00
ES 0108	24/29	369.00
ES 0110	29/32	413.00

**A - 10 Receiver Adapters, Plain Bend Long, ESWARR**

Cat. No.	Socket	Price
ES 0112	10/19	123.00
ES 0114	14/23	132.00
ES 0116	19/26	138.00
ES 0118	24/29	139.00
ES 0120	29/32	163.00
ES 0122	34/35	303.00

**A - 11 Receiver Adapters, Straight Delivery, ESWARR**

Cat. No.	Socket	Price
ES 0124	13/23	123.00
ES 0126	19/26	132.00
ES 0128	24/29	138.00
ES 0130	29/32	210.00
ES 0132	34/35	303.00
ES 0134	45/40	360.00

**A - 12 Receiver Adapters, Plain Bend, Socket to Cone, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0136	14/23	14/23	170.00
ES 0138	19/26	19/26	230.00
ES 0140	19/26	19/26	230.00
ES 0142	24/29	24/29	284.00
ES 0144	29/32	29/32	513.00
ES 0146	34/35	34/35	833.00

**Adapters  
Receiving**

*Esware*

**Adapters  
Connecting**

**A - 13 Receiver Adapters, Bnet with Vent, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0148	10/19	10/13	170.00
ES 0150	14/23	14/23	188.00
ES 0152	19/26	19/26	260.00
ES 0154	19/26	24/29	260.00
ES 0156	24/29	24/29	303.00
ES 0158	29/32	29/32	540.00

**A - 14 Receiver Adapters, Bent with Vacuum Connection, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0160	14/23	14/23	260.00
ES 0162	14/23	19/26	282.00
ES 0164	19/26	19/26	303.00
ES 0166	19/26	24/29	334.00
ES 0168	24/29	24/29	405.00

**A - 15 Receiver Adapters, Vertical with Vacuum Connection, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0170	19/26	24/29	303.00
ES 0172	24/29	24/29	334.00

**A - 16 Intermediate Receiver Adapters (PERKIN) ESWARR**

Cat. No.	Socket	Cone	Price
ES 0174	14/23	14/23	1618.00
ES 0176	19/26	19/26	1977.00
ES 0178	19/26	24/29	2325.00
ES 0180	24/29	24/29	1977.00

**A - 17 Recovery Ben, Sloping, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0182	19/26	19/26	211.00
ES 0184	24/29	14/23	276.00
ES 0186	24/29	19/26	324.00
ES 0188	24/29	24/29	276.00
ES 0190	29/32	19/26	369.00
ES 0192	29/32	29/32	369.00

**A - 18 Recovery Bend, Vertical, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0194	14/23	14/23	260.00
ES 0196	19/26	19/26	336.00
ES 0198	24/29	19/26	433.00
ES 0200	24/29	24/29	433.00

**A - 19 Plain Stillheads, Sloping, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0202	10/13	10/13	230.00
ES 0204	19/26	19/26	276.00
ES 0206	19/26	19/26	284.00
ES 0208	24/29	19/26	303.00
ES 0210	24/29	24/29	361.00
ES 0212	29/32	19/26	336.00
ES 0214	29/32	29/32	493.00

**Adapters  
Connecting**

*Esware*

**Adapters  
Connecting**

**A - 20 Claisen Heads, Sloping, ESWARR**

ES 0216	19/26	19/26	361.00
ES 0218	24/29	19/26	402.00
ES 0220	24/29	24/29	562.00
ES 0222	29/32	29/32	701.00

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**A - 21 Splash Head Adapters, ESWARR**

<b>Cat. No.</b>	<b>Socket</b>	<b>Cone</b>	<b>Price</b>
ES 0224	19/26	24/29	433.00
ES 0226	24/29	24/29	447.00

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**A - 22 Splash Head, Sloping, ESWARR**

<b>Cat. No.</b>	<b>Socket</b>	<b>Cone</b>	<b>Price</b>
ES 0228	24/29	19/26	413.00
ES 0230	24/29	24/29	495.00
ES 0232	29/32	19/26	447.00
ES 0234	29/32	19/26	630.00
ES 0236	34/35	19/26	488.00

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**A - 23 Splash Heads, Vertical, ESWARR**

<b>Cat. No.</b>	<b>Socket</b>	<b>Cone</b>	<b>Price</b>
ES 0238	19/26	19/26	447.00
ES 0240	24/29	19/26	488.00
ES 0242	24/29	24/29	631.00

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**A - 24 Steam Distillation Heads, Sloping, ESWARR**

<b>Cat. No.</b>	<b>Socket</b>	<b>Cone</b>	<b>Price</b>
ES 244	24/29	19/26	606.00
ES 246	34/35	19/26	652.00

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**Adapters  
Thermometer, Inlet Tubes**

*Esware*

**Adapters  
Tube**

**A - 25 Thermometer Pocket, Closed end, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0248	14/23	42	123.00

**A - 26 Thermometer Pockets, Open end for Closing, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0250	14/23	200	145.00
ES 0252	14/23	400	188.00
ES 0254	19/26	200	210.00
ES 0256	19/26	400	220.00

**A - 27 ARI/Steam Inlet Tubes, Straight, ESWARR**

Cat. No.	Socket	Cone	Price
ES 0258	7/16	100	140.00
ES 0260	10/19	100	132.00
ES 0262	14/23	150	132.00
ES 0264	19/26	150	140.00
ES 0266	24/29	150	170.00
ES 0268	29/32	150	195.00

**A - 28 AIR ESWARR**

Cat. No.	Socket	Cone	Price
ES 0270	10/19	100	138.00
ES 0272	14/23	150	138.00
ES 0274	19/26	150	145.00
ES 0276	24/26	150	188.00

**A - 29 Drying Tubes, Angled, ESWARR**

Cat. No.	Cone	Price
ES 0288	14/23	138.00
ES 0280	19/26	140.00
ES 0282	24/29	155.00
ES 0284	29/32	259.00

**Beakers, Bottles  
Reagent**

*Esware*

**Bottles  
Specific Gravity**

**B - 1 Beaker Low Form with Spout, ESWARR**

Cat. No.	Cap. ml	Price
ES 0286	25	48.00
ES 0288	50	47.00
ES 0290	100	56.00
ES 0292	250	64.00
ES 0294	500	118.00
ES 0296	1000	221.00

**B - 2 Bottle Reagent with 1/C Stopper, ESWARR**

Cat. No.	Cap. ml	Price
ES 0298	60	210.00
ES 0300	125	225.00
ES 0302	250	270.00

**B - 3 Specific Gravity Bottles, with Capillary Bore  
Stopper, Unadjusted, ESWARR**

Cat. No.	Cap.ml	Joint	Price
ES 0304	25	10/15	392.00
ES 0306	50	10/15	315.00
ES 0308	100	10/15	453.00

**B - 4 Specific Gravity Bottles, Hubbard, Conical,  
ESWARR**

Cat. No.	Cap.ml	Joint	Price
ES 0310	25	24/10	855.00

**B - 5 Specific Gravity Bottle, Hubbard, Cylindrical,  
ESWARR**

Cat. No.	Cap.ml	Joint	Price
ES 0312	25	24/10	855.00

**Bottles Weighing**

*Esware*

**Bottles Dropping, Wash**

**B - 6 Weighing Bottles, Tall Form, Common Type, ESWARR**

Cat. No.	Ht.x Dia. mm	Approx. Cap.ml	Joint size	Price
ES 0314	40x20	5	19/10	139.00
ES 0316	50x25	15	24/10	161.00
ES 0318	60x30	25	29/12	184.00
ES 0320	80x40	60	40/13	290.00

**B - 7 Weighing Bottles, Squat Form, Common Type, ESWARR**

Cat. No.	Ht.x Dia. mm	Approx. Cap.ml	Joint size	Price
ES 0322	35x40	20	40/13	290.00
ES 0324	35x50	30	50/14	358.00
ES 0326	35x60	40	55/15	459.00

**B - 8 Pyknometers, ESWARR**

Cat. No.	Cap. ml	Price
ES 0328	10	115.00
ES 0330	20	146.00
ES 0332	25	146.00
ES 0334	50	225.00

**B - 9 Dilatometer, ESWARR**

Cat. No.	Description	Price
ES 0336	The body is graduated with an arbitrary scale with 14/23 joints	950.00

**B - 10 Dropping Bottles, with Pipette Stopper, ESWARR**

Cat. No.	Cap.ml	Joint Size	Price
ES 0338	30	14/15	325.00
ES 0340	60	14/15	353.00
ES 0342	125	19/20	361.00

**B - 11 Wash Bottles, Complete, ESWARR**

Cat. No.	Cap.ml	Joint Size	Price
ES 0344	250	24/29	361.00
ES 0346	500	24/29	443.00

**B - 12 Wash Bottle Fitting Only, ESWARR**

Cat. No.	For Cap.ml	Price
ES 0348	250	147.00
ES 0350	500	147.00

**Bottles  
Gas Wash**

*Esware*

**Bottles  
Single bore**

**B - 13 Gas Washing Bottles Ordinary Complete  
(JOINT SIZE 29/32), ESWARR**

Cat. No.	Cap.ml	Price
ES 0352	125	432.00
ES 0354	250	500.00
ES 0356	500	690.00

**B - 14 Gas Washing Bottles, Bottle Only  
(JOINT SIZE 29/32), ESWARR**

Cat. No.	Cap.ml	Price
ES 0358	125	280.00
ES 0360	250	350.00
ES 0362	500	539.00

**B - 15 Gas Washing Bottles Fitting Only  
(JOINT SIZE 29/32), ESWARR**

Cat. No.	For Cap. ml	Price
ES 0364	125	152.00
ES 0366	250	152.00
ES 0368	500	152.00

**B - 16 Burettes, Single Bore Glass Key Stopcock  
Class B, ESWARR**

Cat. No.	Cap. ml	Sub-dvn. ml	Tol ±ml	Price
ES 0370	10	0.05	0.05	313.00
ES 0372	25	0.1	0.1	313.00
ES 0374	25	0.05	0.05	465.00
ES 0376	50	0.1	0.1	334.00

**B - 17 Burettes, Single Bore Screwcock, Class B,  
ESWARR**

Cat. No.	Cap. ml	Sub-dvn. ml	Tol ±ml	Price
ES 0378	10	0.1	0.05	184.00
ES 0380	10	0.05	0.05	184.00
ES 0382	25	0.1	0.1	184.00
ES 0384	25	0.05	0.05	422.00
ES 0386	50	0.1	0.1	303.00



**Burettes  
Overflow cup**

*Esware*

**Burettes  
Centre Filling**

**B - 18 Burettes, Overflow Cup, Glass Key Stopcock,  
Class B, ESWARR**

Cat. No.	Cap. ml	Sub-dvn. ml	Tol ±ml	Price
ES 0388	10	0.05	0.05	1816.00
ES 0390	25	0.1	0.1	1816.00
ES 0392	50	0.1	0.1	1834.00
ES 0394	100	0.2	0.2	1962.00

**B - 19 Burettes, Centre Filling Glass Key Stopcock,  
Class B, ESWARR**

Cat. No.	Cap. ml	Sub-dvn. ml	Tol ±ml	Price
ES 0396	10	0.05	0.05	3114.00
ES 0398	20	0.1	0.1	3114.00
ES 0400	25	0.1	0.1	3114.00
ES 0402	50	0.1	0.2	3114.00

**Condensers  
Air, Liebig**

*Esware*

**Condensers  
Coil**

**C - 1 Condensers, Air, ESWARR**

Cat. No.	Joint	Length mm	Price
ES 0404	19/26	200	257.00
ES 0406	19/26	300	327.00
ES 0408	19/26	400	394.00
ES 0410	19/26	500	462.00
ES 0412	19/26	600	521.00
ES 0414	24/29	400	462.00
ES 0416	24/29	600	558.00

**C - 2 Condensers, Air, Vertical, ESWARR**

Cat. No.	Joint	Length mm	Price
ES 0418	14/23	400	170.00
ES 0420	19/26	400	170.00
ES 0422	24/29	500	205.00

**C - 3 Condensers, Liebig, ESWARR**

Cat. No.	Joint	Length mm	Price
ES 0424	19/26	200	275.00
ES 0426	19/26	300	375.00
ES 0428	19/26	400	462.00
ES 0430	19/26	500	544.00
ES 0432	24/29	200	284.00
ES 0434	24/29	300	384.00
ES 0436	24/29	400	470.00
ES 0438	24/29	500	555.00

**C - 4 Condensers, Coil (GRAHAM), ESWARR**

Cat. No.	Joint	Length mm	Price
ES 0440	19/26	150	407.00
ES 0442	19/26	300	714.00
ES 0444	24/29	150	441.00
ES 0446	24/29	300	745.00
ES 0448	29/32	150	472.00
ES 0450	29/32	300	777.00

**C - 5 Condensers, Jacketed Coil, ESWARR**

Cat. No.	Joint	Length mm	Price
ES 0452	19/26	150	950.00
ES 0454	24/29	150	1054.00
ES 0456	29/32	150	1153.00

**C - 6 Condensers, Inland Revenue (THORPE), ESWARR**

Cat. No.	Joint	Length mm	Price
ES 0458	19/26	200	1478.00
ES 0460	24/29	200	1478.00

**C - 7 Condensers, Vertical Distillate, ESWARR**

Cat. No.	Joint	Length mm	Price
ES 0462	34/35	350	1955.00

**C - 8 Condenser, Immersion (COLD FINGER), ESWARR**

Cat. No.	Joint	Length mm	Price
ES 0464	19/26	100	251.00

**Condensers  
Double Surface**

*Esware*

**Condensers  
Bulb**

**C - 9 Condensers, Double Surface (DAVIES), ESWARR**

<b>Cat. No.</b>	<b>Joint</b>	<b>Length mm</b>	<b>Price</b>
ES 0466	14/23	150	375.00
ES 0468	19/26	200	643.00
ES 0470	19/26	300	847.00
ES 0472	24/29	200	677.00
ES 0474	24/29	300	882.00

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**C - 10 Condensers, Allihn, ESWARR**

<b>Cat. No.</b>	<b>Joint</b>	<b>Length mm</b>	<b>Price</b>
ES 0476	24/29	300	677.00
ES 0478	24/29	400	812.00
ES 0480	24/29	500	950.00
ES 0482	24/29	600	1086.00

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**C - 11 Condensers, Allihn, Vertical, ESWARR**

<b>Cat. No.</b>	<b>Joint</b>	<b>Length mm</b>	<b>Price</b>
ES 0484	24/29	200	394.00
ES 0486	29/32	200	522.00
ES 0488	34/35	200	536.00
ES 0490	40/38	200	635.00

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**Condensers  
Chromatography**

**C - 12 Chromatography Columns, Plain with Stopcock,  
ESWARR**

Cat. No.	Bore mm	Length mm	Price
ES 0492	10	300	337.00
ES 0494	18	300	447.00
ES 0496	18	450	566.00
ES 0498	30	450	714.00
ES 0500	30	600	863.00

**C - 13 Columns, Chromatography, Plain with Screwcock,  
ESWARR**

Cat. No.	Bore mm	Length mm	Price
ES 0502	10	300	337.00
ES 0504	18	300	447.00
ES 0506	18	450	566.00
ES 0508	30	450	714.00
ES 0510	30	600	863.00

*Eswaren*

**Columns  
Fractionating**

**C - 14 Fractionating Columns, Vigreux, ESWARR**

Cat. No.	Socket	Cone	Length mm	Price
ES 0512	24/29	24/29	360	1052.00
ES 0514	24/29	24/29	600	1834.00
ES 0516	29/32	29/32	360	1344.00

**C - 15 Fractionating Columns, Plain, ESWARR**

Cat. No.	Socket	Cone	Length mm	Price
ES 0518	24/29	24/29	250	360.00
ES 0520	24/29	24/29	500	508.00
ES 0522	24/29	24/29	750	745.00
ES 0524	29/32	29/32	500	675.00
ES 0526	34/35	34/35	500	1195.00

**Columns  
Chromatography**

*Esware*

**Cylinders  
Stoppered**

**C - 16 Spray for Chromatography, ESWARR**

<b>Cat. No.</b>	<b>Cap.ml</b>	<b>Price</b>
ES 0528	25	775.00
ES 0530	50	775.00
ES 0532	100	775.00

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**C- 17 Measuring Cylinders, Stoppered, Class B,  
ESWARR**

<b>Cat. No.</b>	<b>Cap. ml</b>	<b>Sub-dvn. ml</b>	<b>Tol ±ml</b>	<b>Price</b>
ES 0534	10	0.2	0.2	200.00
ES 0536	25	0.5	0.5	231.00
ES 0538	50	1.0	1.0	259.00
ES 0540	100	1.0	1.0	313.00
ES 0542	250	2.0	2.0	532.00
ES 0544	500	5.0	5.0	942.00

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**Cylinders  
Spout**

*Esware*

**Cylinders  
Dishes**

**C- 18 Measuring Cylinders, with Spout, Class B, ESWARR**

Cat. No.	Cap. ml	Sub-dvn. ml	Tol $\pm$ ml	Price
ES 0546	10	0.2	0.2	133.00
ES 0548	25	0.5	0.5	152.00
ES 0550	50	1.0	1.0	177.00
ES 0552	100	1.0	1.0	205.00
ES 0554	250	2.0	2.0	368.00
ES 0556	500	5.0	5.0	751.00
ES 0558	1000	10.0	10.0	1042.00

**C- 19 Nessler Cylinders, ESWARR**

Cat. No.	Description	Tol $\pm$ ml	Price
ES 0560	50 ml, single marked at 25, 50	0.4	89.00
ES 0562	100 ml, single marked at 50, 100	0.8	130.00

**C- 20 Crow Receivers, Class B, ESWARR**

Cat. No.	Cap. ml	Tol $\pm$ ml	Price
ES 0564	25	0.1 & 0.2	579.00
ES 0566	50	0.2 & 0.4	614.00
ES 0568	100	0.4 & 0.8	653.00

**Flasks  
Round Bottom**

*Esware*

**Flasks Round  
Bottom, Multi Necks**

**F - 1 Round Bottom Flasks, Short Neck, ESWARR**

Cat. No.	Cap.ml	Socket	Price
ES 0570	50	14/23	184.00
ES 0572	50	19/26	184.00
ES 0574	50	24/29	184.00
ES 0576	100	14/23	214.00
ES 0578	100	19/26	214.00
ES 0580	100	24/29	261.00
ES 0582	250	14/23	243.00
ES 0584	250	19/26	243.00
ES 0586	250	24/29	243.00
ES 0588	250	29/32	243.00
ES 0590	500	19/26	337.00
ES 0592	500	24/29	337.00
ES 0594	500	29/32	337.00
ES 0596	500	34/35	382.00
ES 0598	1000	24/29	446.00
ES 0600	1000	29/32	446.00
ES 0602	1000	34/35	486.00
ES 0604	1000	45/40	508.00

**F - 2 Round Bottom Flasks, Two Necks, Centre Neck and One Angled Side Neck, ESWARR**

Cat. No.	Cap. ml	Centre Socket	Side Socket	Price
ES 0606	100	24/29	14/23	355.00
ES 0608	100	24/29	19/26	355.00
ES 0610	250	24/29	14/23	370.00
ES 0612	250	24/29	19/26	370.00
ES 0614	500	24/29	14/23	493.00
ES 0616	500	24/29	19/26	493.00
ES 0618	1000	24/29	14/23	627.00
ES 0620	1000	24/29	19/26	627.00

**F - 3 Round Bottom Flasks, Three Necks, Centre Neck and Two Angled Side Neck, ESWARR**

Cat. No.	Cap. ml	Centre Socket	Side Socket	Price
ES 0622	100	14/23	14/23	493.00
ES 0624	100	19/26	14/23	493.00
ES 0626	100	24/29	14/23	493.00
ES 0628	100	24/29	19/26	493.00
ES 0630	250	19/26	14/23	513.00
ES 0632	250	19/26	19/26	513.00
ES 0634	250	24/29	14/23	513.00
ES 0636	250	24/29	19/26	513.00
ES 0638	250	29/32	14/23	513.00
ES 0640	250	29/32	19/26	513.00
ES 0642	500	19/26	14/23	666.00
ES 0644	500	19/26	19/26	666.00
ES 0646	500	24/29	14/23	666.00
ES 0648	500	24/29	19/26	666.00
ES 0650	500	29/32	14/23	666.00
ES 0652	500	29/32	19/26	666.00
ES 0654	1000	24/29	14/23	834.00
ES 0656	1000	24/29	19/26	834.00
ES 0658	1000	34/35	19/26	834.00

**Flasks  
Flat Bottom**

*Esware*

**Flasks  
Kjeldahl**

**F - 4 Flat Bottom Flasks, Short Neck, ESWARR**

<b>Cat. No.</b>	<b>Cap.ml</b>	<b>Socket</b>	<b>Price</b>
ES 0660	50	24/29	187.00
ES 0662	50	29/32	225.00
ES 0664	50	34/35	261.00
ES 0666	100	19/26	225.00
ES 0668	100	24/29	225.00
ES 0670	100	29/32	261.00
ES 0672	100	34/35	302.00
ES 0674	250	19/26	243.00
ES 0676	250	24/29	243.00
ES 0678	250	29/32	243.00
ES 0680	250	34/35	302.00
ES 0682	500	19/26	337.00
ES 0684	500	24/29	337.00
ES 0686	500	29/32	337.00
ES 0688	500	34/35	382.00
ES 0690	1000	24/29	546.00
ES 0692	1000	34/35	485.00

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**F - 5 Kjeldahl Flasks, Long Neck, ESWARR**

<b>Cat. No.</b>	<b>Cap.ml</b>	<b>Socket</b>	<b>Price</b>
ES 0694	100	24/29	261.00
ES 0696	300	24/29	472.00
ES 0698	500	24/29	838.00
ES 0700	800	24/29	1048.00

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**Flasks  
Conical**

*Esware*

**Flasks  
Iodine & Stopped**

**F - 6 Conical Flasks, ESWARR**

Cat. No.	Cap.ml	Socket	Price
ES 0702	50	14/23	146.00
ES 0704	50	19/26	146.00
ES 0706	50	24/29	170.00
ES 0708	100	14/23	170.00
ES 0710	100	19/26	170.00
ES 0712	100	24/29	170.00
ES 0714	100	29/32	190.00
ES 0716	250	19/26	242.00
ES 0718	250	24/29	242.00
ES 0720	250	29/32	260.00
ES 0722	250	34/35	296.00
ES 0724	500	19/26	314.00
ES 0726	500	24/29	314.00
ES 0728	500	29/32	314.00
ES 0730	500	34/35	371.00
ES 0732	1000	24/29	472.00
ES 0734	1000	34/35	472.00
ES 0736	1000	34/35	472.00

**F - 7 Filter Flasks, Light Walled, ESWARR**

Cat. No.	Cap.ml	Socket	Price
ES 0738	100	19/26	206.00
ES 0740	100	24/29	206.00
ES 0742	250	24/29	302.00
ES 0744	250	29/32	325.00
ES 0746	500	24/29	379.00
ES 0748	500	29/32	379.00

**F - 8 Iodine Flasks, Cup Shaped, ESWARR**

Cat. No.	Cap.ml	Joint	Price
ES 0750	100	24/29	236.00
ES 0752	250	24/29	272.00
ES 0754	500	24/29	303.00
ES 0756	1000	24/29	455.00

**F - 9 Stopped Conical Flasks, ESWARR**

Cat. No.	Cap.ml	Joint	Price
ES 0758	50	19/20	161.50
ES 0760	100	19/20	178.50
ES 0762	150	24/25	221.00
ES 0764	250	24/25	247.00
ES 0766	500	24/25	292.00

**Flasks  
Micro**

*Esware*

**Flasks  
Micro**

**F - 10 Pear Shaped Flasks, Single Neck, ESWARR**

Cat. No.	Cap.ml	Socket	Price
ES 0768	25	10/19	146.00
ES 0770	25	14/23	146.00
ES 0772	25	19/26	146.00
ES 0774	50	14/23	209.00
ES 0776	50	19/26	209.00
ES 0778	100	14/23	276.00
ES 0780	100	19/26	276.00

**F - 11 Pear Shaped Flasks, Two Necks, Centre Neck and One Angled Side Neck, ESWARR**

Cat. No.	Cap.ml	Centre Socket	Side Socket	Price
ES 0782	50	14/23	14/23	308.00

**F - 12 Pear Shaped Flasks, Distillation, ESWARR**

Cat. No.	Cap.ml	Socket	Cone	Price
ES 0784	10	14/23	14/23	281.00
ES 0786	25	14/23	14/23	281.00
ES 0788	50	14/23	14/23	308.00
ES 0790	100	14/23	14/23	363.00

**F - 13 Flask R.B. or F.B. Plain, ESWARR**

Cat. No.	Cap.ml	Price
ES 0792	25	37.00
ES 0794	50	46.00
ES 0796	100	58.00
ES 0798	250	87.00

**F - 14 Flask Conical Plain, ESWARR**

Cat. No.	Cap.ml	Price
ES 0800	25	37.00
ES 0802	50	46.00
ES 0804	100	58.00
ES 0806	250	87.00
ES 0808	500	137.00

**F - 15 Micro Round Bottom Flasks, Short Neck, ESWARR**

Cat. No.	Cap.ml	Socket	Price
ES 0810	5	10/19	149.00
ES 0812	5	14/23	144.00
ES 0814	10	10/19	149.00
ES 0816	10	14/23	149.00
ES 0818	25	14/23	149.00
ES 0820	25	19/26	149.00
ES 0822	25	24/29	149.00

**Flasks  
Volumetric**

*Eswaren*

**Flasks  
Graduated**

**F - 16 Flask Volumetric with 1/C Joint Stopper Accuracy  
as per Class B, ESWARR**

Cat. No.	Cap.ml	Stopper Size	Price
ES 0824	5	10/15	81.00
ES 0826	10	10/15	84.00
ES 0828	25	10/15	89.00
ES 0830	50	10/15	91.00
ES 0832	100	24/25	110.00
ES 0834	250	14/15	160.00
ES 0836	500	14/15	345.00
ES 0838	1000	19/20	590.00

**F - 17 Sugar Flasks, with Two Marks, Class B, ESWARR**

Cat. No.	Cap. ml	Marked at	Tol $\pm$ ml	Price
ES 0840	50	50 & 55	0.1	154.00
ES 0842	100	100 & 110	0.15	176.00
ES 0844	200	200 & 220	0.25	197.00

**F - 18 Kohirausch Flasks, Class B, ESWARR**

Cat. No.	Cap. ml	Tol $\pm$ ml	Price
ES 0846	50	0.06	174.00
ES 0848	100	0.1	197.00
ES 0850	200	0.2	223.00

**F - 19 Saybolt Viscosity Flask, ESWARR**

Cat. No.	Cap. ml	Height mm	Price
ES 0852	60	85	459.00

**F - 20 Phenol Flasks, ESWARR**

Cat. No.	Bulb cap.	Neck cap.	Sub dvn. ml	Tol $\pm$ ml	Price
ES 0854	45	5	0.1	0.08	447.00
ES 0856	150	10	0.1	0.08	561.00
ES 0858	200	25	0.2	0.2	644.00

**Funnels  
Filter**

*Esware*

**Flasks  
Separating**

**F - 21 Funnel with Thistle Head, ESWARR**

Cat. No.	Stem Dia x Length mm	Price
ES 0860	7 x 300	85.00

**F - 22 Filter Funnels, ESWARR**

Cat. No.	Dia.mm	Price
ES 0862	50	61.00
ES 0864	65	90.50
ES 0866	75	102.00
ES 0868	100	154.00

**F - 23 Funnels, Short Stem (FOR POWDER), ESWARR**

Cat. No.	Dia.mm	Price
ES 0870	75	125.00
ES 0872	100	186.50

**F - 24 Filter Pump, ESWARR**

Cat. No.	Description	Price
ES 0874	University College pattern	404.00

**F - 25 Separating Funnels, Cylindrical, ESWARR**

Cat. No.	Cap. ml	Price
ES 0876	100	613.00
ES 0878	250	722.00
ES 0880	500	944.00
ES 0882	1000	1509.00

**F - 26 Separating Funnels, with PTFE Plug, Cylindrical, ESWARR**

Cat. No.	Cap. ml	Price
ES 0884	100	977.00
ES 0886	250	1066.00
ES 0888	500	1513.00
ES 0890	1000	2048.00

**F - 27 Separating Funnels, Cylindrical , Graduated, ESWARR**

Cat. No.	Cap. ml	Price
ES 0892	100	1106.00
ES 0894	250	1203.00
ES 0896	500	1931.00
ES 0898	1000	2919.00

**Funnels  
Separating**

*Esware*

**Flasks  
Separating**

**F - 28 Separating Funnels, with PTFE Plug,  
Cylindrical Graduated, ESWARR**

<b>Cat. No.</b>	<b>Cap. ml</b>	<b>Price</b>
ES 0900	100	1368.00
ES 0902	250	1535.00
ES 0904	500	2341.00
ES 0906	1000	2919.00

**F - 29 Separating Funnels, Spherical, ESWARR**

<b>Cat. No.</b>	<b>Cap. ml</b>	<b>Price</b>
ES 0908	60	401.00
ES 0910	100	511.00
ES 0912	125	511.00
ES 0914	250	601.00
ES 0916	500	720.00
ES 0918	1000	959.00

**F - 30 Separating Funnels, with PTFE Plug,  
Spherical, ESWARR**

<b>Cat. No.</b>	<b>Cap. ml</b>	<b>Price</b>
ES 0920	60	771.00
ES 0922	100	902.00
ES 0924	125	902.00
ES 0926	250	946.00
ES 0928	500	1322.00
ES 0930	1000	1509.00

**F - 31 Separating Funnels, Cylindrical, Open Top,  
ESWARR**

<b>Cat. No.</b>	<b>Cap. ml</b>	<b>Price</b>
ES 0932	25	572.00
ES 0934	50	372.00
ES 0936	100	492.00
ES 0938	250	630.00

**F - 32 Separating Funnels, Conical, ESWARR**

<b>Cat. No.</b>	<b>Cap. ml</b>	<b>Price</b>
ES 0940	60	376.00
ES 0942	100	487.00
ES 0944	125	487.00
ES 0946	250	565.00
ES 0948	500	717.00
ES 0950	1000	959.00

**F - 33 Separating Funnels, with; PTFE Plug, Conical,  
ESWARR**

<b>Cat. No.</b>	<b>Cap. ml</b>	<b>Price</b>
ES 0952	60	628.00
ES 0954	100	781.00
ES 0956	125	781.00
ES 0958	250	821.00
ES 0960	500	1150.00
ES 0962	1000	1295.00

**Funnels  
Separating**

*Esware*

**Flasks  
Pressure Equalising**

**F - 34 Separating Funnels, Cylindrical, ESWARR**

Cat. No.	Cap.ml	Socket	Cone	Price
ES 0964	25	14/23	14/23	544.00
ES 0966	50	14/23	14/23	544.00
ES 0968	100	14/23	14/23	674.00
ES 0970	100	19/16	19/16	674.00
ES 0972	250	19/16	19/16	785.00
ES 0974	500	19/16	19/16	1396.00

**F - 35 Separating Funnels, Open Top, ESWARR**

Cat. No.	Cap.ml	Cone	Price
ES 0976	50	19/16	448.00
ES 0978	100	19/16	563.00
ES 0980	250	19/16	691.00

**F - 36 Separating Funnels, Spherical, ESWARR**

Cat. No.	Cap.ml	Socket	Cone	Price
ES 0982	50	19/16	19/16	456.00
ES 0984	100	14/23	14/23	544.00
ES 0986	100	19/16	19/16	544.00
ES 0988	250	14/23	14/23	691.00
ES 0990	250	19/16	19/16	691.00
ES 0992	500	19/16	19/16	1027.00
ES 0994	500	24/29	24/29	1027.00
ES 0996	1000	19/16	19/16	1396.00
ES 0998	1000	24/29	24/29	1396.00

**F - 37 Pressure Equalising Funnels Spherical, ESWARR**

Cat. No.	Cap.ml	Socket	Cone	Price
ES 1000	100	24/29	19/16	755.00
ES 1002	100	24/29	24/29	755.00
ES 1004	100	29/32	29/32	755.00
ES 1006	250	24/29	19/16	1138.00
ES 1008	250	24/29	24/29	1138.00
ES 1010	250	29/32	29/32	1138.00

**F - 38 Pressure Equalising Funnels Cylindrical, ESWARR**

Cat. No.	Cap.ml	Socket	Cone	Price
ES 1012	500	24/29	19/16	2060.00
ES 1014	500	24/29	24/29	2060.00
ES 1016	500	29/32	29/32	2060.00

**Pipettes  
Volumetric**

*Esware*

**Pipettes  
Automatic**

**P - 1 Volumetric Pipettes, One Mark, Class B, ESWARR**

Cat. No.	Cap. ml	Tol $\pm$ ml	Price
ES 1018	1	0.015	54.00
ES 1020	2	0.02	54.00
ES 1022	3	0.03	54.00
ES 1024	4	0.03	54.00
ES 1026	5	0.03	62.00
ES 1028	10	0.04	64.00
ES 1030	15	0.05	64.00
ES 1032	20	0.06	70.00
ES 1034	25	0.06	70.00
ES 1036	50	0.10	82.00
ES 1038	100	0.16	93.00

**P - 2 Volumetric Pipettes, One Mark, Class B, With Safety Bulb, ESWARR**

Cat. No.	Cap. ml	Tol $\pm$ ml	Price
ES 1040	5	0.03	80.00
ES 1042	10	0.04	82.00
ES 1044	20	0.06	97.00
ES 1046	25	0.06	97.00

**P - 3 Automatic Pipettes, with Overflow Cap, ESWARR**

Cat. No.	Cap. ml	Tol $\pm$ ml	Price
ES 1048	10	0.08	858.00
ES 1050	20	0.1	858.00
ES 1052	25	0.12	858.00
ES 1054	50	0.15	858.00
ES 1056	100	0.25	858.00

**P - 4 Tilt Measures, with Ground Reservoir, ESWARR**

Cat. No.	Cap. ml	Reservoir Cap.ml	Price
ES 1058	5	250	1080.00
ES 1060	10	250	1080.00
ES 1062	20	500	1160.00
ES 1064	25	500	1160.00

**P - 5 Tilt Measures, Measure only, without Reservoir, ESWARR**

Cat. No.	Cap. ml	Price
ES 1066	5	793.00
ES 1068	10	793.00
ES 1070	20	793.00
ES 1072	25	793.00

**Pipettes  
Graduated**

*Eswaren*

**Pipettes  
Graduated**

**P - 6 Measuring Pipettes. Zero at Top, Class B, ESWARR  
(MOHR TYPE)**

Cat. No.	Cap. ml	Sub-dvn. ml	Tol ±ml	Price
ES 1074	0.1	0.005	0.01	68.00
ES 1076	0.1	0.01	0.01	68.00
ES 1078	0.2	0.005	0.01	68.00
ES 1080	0.2	0.01	0.01	68.00
ES 1082	0.5	0.01	0.01	68.00
ES 1084	0.5	0.02	0.01	68.00
ES 1086	1.0	0.01	0.01	62.00
ES 1088	1.0	0.1	0.01	62.00
ES 1090	2.0	0.02	0.02	62.00
ES 1092	2.0	0.1	0.02	62.00
ES 1094	5.0	0.05	0.05	68.00
ES 1096	5.0	0.01	0.05	68.00
ES 1098	10.0	0.02	0.1	72.00
ES 1100	25.0	0.02	0.2	98.00

**P - 7 Drain-Out Pipettes, Zero at Jet, Class B, ESWARR**  
To Transfer pre-set volume, without ejection of last drop

Cat. No.	Cap. ml	Sub-dvn. ml	Tol ±ml	Price
ES 1102	0.1	0.005	0.01	72.00
ES 1104	0.1	0.01	0.01	72.00
ES 1106	0.2	0.005	0.01	72.00
ES 1108	0.2	0.01	0.01	72.00
ES 1110	0.5	0.01	0.01	72.00
ES 1112	0.5	0.02	0.01	72.00

ES 1114	1.0	0.01	0.01	78.00
ES 1116	1.0	0.1	0.01	78.00
ES 1118	2.0	0.02	0.02	78.00
ES 1120	2.0	0.1	0.02	78.00
ES 1122	5.0	0.05	0.05	82.00
ES 1124	5.0	0.01	0.05	82.00
ES 1126	10.0	0.01	0.1	82.00
ES 1128	25.0	0.02	0.2	82.00

**P - 8 Blow-Out Pipettes, Zero at Top, Class B ESWARR  
(SEROLOGICAL)**

Cat. No.	Cap. ml	Sub-dvn. ml	Tol ±ml	Price
ES 1130	0.1	0.005	0.01	72.00
ES 1132	0.1	0.01	0.01	72.00
ES 1134	0.2	0.005	0.01	72.00
ES 1136	0.2	0.01	0.01	72.00
ES 1138	0.5	0.01	0.01	72.00
ES 1140	0.5	0.02	0.01	72.00
ES 1142	1.0	0.01	0.01	78.00
ES 1144	1.0	0.1	0.01	78.00
ES 1146	2.0	0.02	0.02	78.00
ES 1148	2.0	0.1	0.02	78.00
ES 1150	5.0	0.05	0.05	82.00
ES 1152	5.0	0.01	0.05	82.00
ES 1154	10.0	0.01	0.1	82.00
ES 1156	25.0	0.02	0.2	82.00



**Sintered Ware  
Crucibles**

*Esware*

**Sintered Ware  
Filtering Tubes**

**S - 1 Gooch Crucibles (WESTERN TYPE), ESWARR**

Cat. No.	Cap. ml	Disc Dia mm	Por	Price
ES 1158	15	20	1	260.00
ES 1160	15	20	2	260.00
ES 1162	15	20	3	260.00
ES 1164	15	20	4	260.00
ES 1166	30	30	1	280.00
ES 1168	30	30	2	280.00
ES 1170	30	30	3	280.00
ES 1172	30	30	4	280.00
ES 1174	50	40	1	344.00
ES 1176	50	40	2	344.00
ES 1188	50	40	3	344.00
ES 1180	50	40	4	344.00

**S - 2 Adapters for Gooch Crucibles, ESWARR**

Cat. No.	To fit	Price
ES 1182	15 ml crucibles of Catalogue No. S-1 8	85.00
ES 1184	30 ml crucibles of Catalogue No. S-1	125.00
ES 1186	50 ml crucibles of Catalogue No. S-1	195.00

**S - 3 Adapters for Gooch Crucible with Standard Joints, ESWARR**

Cat. No.	Cone	Socket	Price
ES 1188	29/32	40/26	341.60

To fit : Crucibles of Catalogue No.S-3

**Stirrers  
Glass**

*Esware*

**Sintered Guikes  
Glass**

**S - 4 Link Stirrers, ESWARR**

Cat. No.	Shaft Dia mm	Shaft Length mm	Blade width mm	Price
ES 1190	6	450	75	390.00
ES 1192	6	600	75	460.00

**S - 5 Fixed Paddle Stirrers, ESWARR**

Cat. No.	Shaft Dia mm	Shaft Length mm	Blade width mm	Price
ES 1194	6	600	50	545.00
ES 1196	11	750	80	955.00

**S - 6 Anchor Stirrers, ESWARR**

Cat. No.	Shaft Dia mm	Shaft Length mm	Blade width mm	Price
ES 1198	6	450	95	593.00
ES 1200	6	600	140	621.00
ES 1202	11	750	140	890.00

**S - 7 Shaft for PTFE Bladed Stirrers, ESWARR**

Cat. No.	Shaft Dia mm	Shaft Length mm	Price
ES 1204	6	450	299.00
ES 1206	8	600	394.00
ES 1208	11	750	594.00

**S - 8 Stirrers Guides, ESWARR**

Cat. No.	To Fit Shaft mm	Socket	Cone	Shaft Length mm	Price
ES 1210	6	19/26	19/26	200	299.00
ES 1212	11	24/29	24/29	350	470.00
ES 1214	11	29/32	29/32	350	540.00

**Stopcocks  
Straight Bore**

*Esware*

**Stopcock  
Double Bore**

**S - 9 Stopcocks, Straight Bore, ESWARR**

Cat. No.	Bore mm	Arm dia mm	Price
ES 1216	2	8	237.00
ES 1218	3	9	237.00
ES 1220	4	10	371.00
ES 1222	6	11	371.00
ES 1224	8	12	541.00

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**S - 10 Screwcock, Plain Bore, Inter-changeable Plunger, ESWARR**

Cat. No.	Bore mm	Arm dia mm	Size	Price
ES 1226	3	8	GP 13	217.00
ES 1228	6	10	GP 18	491.00

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**Stopcocks  
T & V Bore**

*Esware*

**Stoppers  
Hollow Blown**

**S - 11 Stopcocks, "T" Bore, ESWARR**

Cat. No.	Bore mm	Arm dia mm	Price
ES 1230	1	7	563.00
ES 1232	2	8	563.00
ES 1234	3	9	563.00
ES 1236	4	10	789.00
ES 1238	6	11	1291.00

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**S - 12 Stoppers (B SIZE), ESWARR**

Cat. No.	Cone	Price
ES 1240	10/19	77.00
ES 1242	12/21	77.00
ES 1244	14/23	77.00
ES 1246	19/26	83.00
ES 1248	24/29	91.00
ES 1250	29/32	91.00
ES 1252	34/35	190.00
ES 1254	40/38	190.00
ES 1256	45/40	270.00

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**Tubes  
Test**

*Esware*

**Tubes  
Centrifuge**

**T - 1 Test Tubes, Stoppered, ESWARR**

Cat. No.	Cap. ml	Height x Dia mm	Joint	Price
ES 1258	15	150x16	14/15	82.00
ES 1260	20	150x18	14/15	102.00
ES 1262	30	150x24	19/20	118.00
ES 1264	40	150x28	24/25	153.00
ES 1266	50	175x28	24/25	190.00

**T - 2 Test Tubes, Stoppered and Graduated, ESWARR**

Cat. No.	Cap. ml	Sub-Division mm	Height x Dia mm	Joint	Price
ES 1268	15	0.2	150x16	14/15	116.00
ES 1270	20	0.5	150x18	14/15	137.00
ES 1272	30	0.5	150x24	19/20	155.00
ES 1274	40	1.0	150x28	24/25	193.00
ES 1276	50	1.0	175x28	24/25	240.00

**T - 3 Centrifuge Tubes, Plain, with Rim, Conical Bottom, ESWARR**

Cat. No.	Height x Dia mm	Price
ES 1278	110 x 17	29.00
ES 1280	120 x 17	729.00

**T - 4 Centrifuge Tubes, Graduated, with Rim, Conical Bottom ESWARR**

Cat. No.	Height x Dia mm	Graduated upto	Price
ES 1282	110 x 17	10ml	69.00
ES 1284	120 x 17	15ml	69.00

**T - 5 Centrifuge Tubes, Plain, Stoppered, ESWARR**

Cat. No.	Height x Dia mm	Joint	Price
ES 1286	110 x 17	12/14	109.00
ES 1288	140 x 17	14/15	109.00

**T - 6 Centrifuge Tubes, Graduated, Stoppered, ESWARR**

Cat. No.	Height x Dia mm	Joint	Graduated upto	Price
ES 1290	110 x 17	12/14	10ml	149.00
ES 1292	140 x 17	14/15	15ml	149.00

**Tubes  
Blood Sugar etc.**

**T - 7 Centrifuge Vessel, (SPHERICAL), ESWARR**

Cat. No.	Cap.ml	Height mm	Price
ES 1294	100	157	578.00

**T - 8 Centrifuge Vessel, (CYLINDRICAL), ESWARR**

Cat. No.	Cap.ml	Height mm	Price
ES 1296	100	200	578.00

**T - 9 Blood Sugar Tubes, ESWARR**

Cat. No.	Cap. ml	Dia mm	Height mm	Graduated at ml	Price
ES 1298	25	22	190	12.5 & 25	79.00
ES 1300	25	22	190	4, 12.5 & 25	79.00

**T - 10 Melting Point Tubes, Thiele, ESWARR**

Cat. No.	Length x Dia mm	Side tube Dia mm	Price
ES 1302	120 x 20	10	168.00
ES 1304	150 x 25	10	192.00

*Esware*

**Tubes  
Connecting**

**T - 11 Calcium Chloride Tubes, Straight with One Bulb, ESWARR**

Cat. No.	Length x Dia mm	Price
ES 1306	100 x 14	69.00
ES 1308	125 x 16	74.00
ES 1310	150 x 18	81.00

**T - 12 Calcium Chloride Tubes, U-Form with Side Tube and Stopper, ESWARR**

Cat. No.	Length x Dia mm	Joint mm	Price
ES 1312	100 x 14	10/19	418.00
ES 1314	125 x 16	12/21	470.00
ES 1316	150 x 18	14/23	513.00

**T - 13 Connection Tubes, T Shape, ESWARR**

Cat. No.	Arm Length x Dia mm	Price
ES 1318	40 x 6	59.00
ES 1320	50 x 8	63.00
ES 1322	60 x 10	76.00
ES 1324	80 x 12	149.00

**Tubes  
Connecting**

*Esware*

**Viscometers  
BS & IP**

**T - 14 Connection Tubes, U Shape, ESWARR**

Cat. No.	Arm Length x Dia mm	Price
ES 1326	40 x 6	62.00
ES 1328	50 x 8	69.00
ES 1330	60 x 10	114.00
ES 1332	80 x 12	237.00

**T - 15 Connection Tubes, Y Shape, ESWARR**

Cat. No.	Arm Length x Dia mm	Price
ES 1334	40 x 6	62.00
ES 1336	50 x 8	69.00
ES 1338	60 x 10	114.00
ES 1340	80 x 12	239.00

**V - 1 Viscometers, U-Tubs, BS/U, ESWARR**

Cat. No.	Cap. ml	Height x Dia mm	Joint	Price
ES 1342	B	0.01	2.0-10	1093.40
ES 1344	C	0.03	6-30	1093.40
ES 1346	D	0.1	20-100	1093.40
ES 1348	E	0.3	60-300	1093.40
ES 1350	F	1.0	200-1000	1093.40
ES 1352	G	3.0	600-3000	1093.40
ES 1354	H	10.0	2000-10000	1093.40

**V - 2 Viscometers, Suspended Level BS/IP/SL, ESWARR**

Cat. No.	Size	Nominal Constant	Viscosity Range	Price
ES 1356	1	0.01	3.5-10	1076.60
ES 1358	2	0.1	20-100	1076.60
ES 1360	3	1.0	200-1000	1076.60
ES 1362	4	10.0	2000-10000	1076.60
ES 1364	5	100.0	20000-100000	1076.60

**V - 3 Viscometers, College Pattern, Ostwald, ESWARR**

Cat. No.	Empties in	Price
ES 1366	80 - 100 secs	296.00

**Assemblies  
Reflux**

*Esware*

**Assemblies  
Reflux**

**X - 1 Reflux Assembly, ESWARR**

Cat. No.	Components	Price
ES 1368	R.B. flask 100 ml, Air condenser 500 mm	441.00

**X - 2 Reflux Assemblies, ESWARR**

Cat. No.	Components	Price
ES 1370	R.B. flask 100 ml, Liebig condenser 300 mm	590.00
ES 1372	R.B. flask 250 ml, Liebig condenser 400 mm	702.00
ES 1374	R.B. flask 500 ml, Liebig condenser 500 mm	900.00

**X - 3 Reflux Assemblies, ESWARR**

Cat. No.	Components	Price
ES 1376	R.B. flask 100 ml, Liebig condenser 300 mm	625.00
ES 1378	R.B. flask 250 ml, Liebig condenser 400 mm	747.00
ES 1380	R.B. flask 500 ml, Liebig condenser 500 mm	931.00

**X - 4 Reflux Assemblies, ESWARR**

Cat. No.	Components	Price
ES 1382	R.B. flask 1000 ml, (24/29 neck), Reversible condenser	1007.00
ES 1384	R.B. flask 1000 ml, (34/35 neck), Reversible condenser	1071.00

**X - 5 Reflux Assembly, ESWARR**

Cat. No.	Components	Price
ES 1386	R.B. flask 500 ml, Multiple adapter two necks, Stirrer guide, Rubber sleeve gland, Link stirrer, 450 mm, Vertical Allihn condenser, 300 mm	2321.00

**X - 6 Reflux Assembly, ESWARR**

Cat. No.	Components	Price
ES 1388	R.B. flask 1000 ml, Multiple adapter three necks, Stirrer guide, Rubber sleeve gland, Collapsible paddle stirrer, 450 mm, Coil condenser, 150 mm Drying tube, Separating Funnel 100 ml, Stopper	3202.00



**Assemblies  
Reaction**

*Esware*

**Assemblies  
Reaction**

**X - 7 Reaction Assembly, ESWARR**

Cat. No.	Components	Price
ES 1390	Round Bottom Flask 1000 ml Multiple adapter three necks, Mercury seal gland, Fixed paddle stirrer 600 mm, Stillhead, Thermometer, with P.T.F.E. cone, Receiver adapter, Jacketed coil condenser 150 mm, Receiver adapter, bent with socket connection Round bottom flask 250 ml, Liebig condenser 400 mm, Drying tube, Separating funnel 250 ml, Stopper	7270.00

**X - 8 Reaction Assembly, ESWARR**

Cat. No.	Components	Price
ES 1392	Round Bottom Flask 500 ml Multiple adapter two necks, Stirrer guide, Stuffing box gland with pulley, Link stirrer 450 mm, Stillhead, Thermometer pocket, Liebig condenser 400 mm, Receiver adapter bent with vent, Round bottom flask 100 ml	5096.00

**X - 9 Reaction Assembly, ESWARR**

Cat. No.	Components	Price
ES 1394	Round Bottom Flask 1000 ml Multiple adapter two necks, Stirrer guide, Rubber sleeve gland, Collapsible paddle stirrer 450 mm, Stillhead Jacketed coil condenser 150 mm, Receiver adapter bent with socket connection, Round bottom flask 250 ml, Double surface condenser 200 mm, Cone adapter bent, Thermometer with P.T.F.E. cone	5478.00

**X - 10 Reaction Assembly, ESWARR**

Cat. No.	Components	Price
ES 1396	R.B. flask 500 ml, Multiple adapter two necks, Claisen head, Liebig condenser 200 mm, Receiver adapter bent with vent, R.B flask, 250 ml, Separating funnel, 100 ml, Separating funnel, 100 ml, Stopper, Stopper, Thermometer pocket	3453.00

**X - 11 Reaction Assembly, ESWARR**

Cat. No.	Components	Price
ES 1396	R.B. flask 500 ml, Liebig condenser 400 mm, Adapter with T connection, Separating funnel 100 ml, Stopper	1832.00

**Assemblies  
Reaction**

*Esware*

**Assemblies  
Reaction**

**X - 12 Reaction Assembly, ESWARR**

<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1400	R.B flask, 250 ml, Multiple adapter, two necks, Stillhead Liebig condenser, 200 mm, Receiver adapter, Thermometer pocket, Separating funnel, 100 ml, Stopper	2285.00

**X - 13 Reaction Assembly, ESWARR**

<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1402	R.B flask, 1000 ml, Multiple adapter, three necks, Stirrer guide, Stuffing box gland with pulley, Collapsible Paddle stirrer, 450 mm, Stillhead, Liebig condenser, 400 mm, Receiver adapter, bent iwth socket connection R.B. flask, 500 ml, Drying tube, Thermometer pocket Separating funnel, 100 ml, Stopper	6583.00

**X - 14 Reaction Assembly, ESWARR**

<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1404	R.B. flask, 250 ml, Multiple adapter, two necks, Air leak tube, bent, Liebig condenser, 200 mm, Drying tube, Gas wash bottle body, 250 ml, Gas wash bottle fitting	2106.00

**Assemblies  
Distillation**

*Esware*

**Assemblies  
Distillation**

**X - 15 Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1406	R.B flask, 2000 ml, Splash head, Double surface condenser, 200 mm, Receiver adapter	2170.00

**X - 16 Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1408	R.B flask, 500 ml, Stillhead Liebig condenser, 400 mm, Receiver adapter, Separating funnel, 100 ml, Stopper	2048.00

**X - 17 Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1410	R.B flask, 250 ml, Recovery bend, Thorpe condenser, 200 mm Receiver adapter	2838.00

**X - 18 Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1412	R.B flask, 250 ml, Recovery bend, Liebig condenser, 200 mm Receiver adapter	1005.00

**X - 19 Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1414	R.B. flask, 3000 ml, Splash head adapter, Still head, Aircondenser, 400 mm, Ether condenser, Receiver adapter Conical flask, 1000 ml, Stopper Thermometer with P.T.F.E. cone	9820.00

**X - 20 Preparation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1416	R.B flask, 500 ml, Still head Thermometer with P.T.F.E. cone, Liebig condenser, 200 mm, receiver adapter	1822.00

**Assemblies  
Vacuum Distillation**

*Esware*

**Assemblies  
Vacuum Distillation**

**X - 21 Vacuum Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1418	R.B. flask, 3000 ml, Multiple adapter, two necks, Stillhead Jacketed coil condenser, 150 mm, Receiver adapter, bent with socket connection R.B. flask, 250 ml, Vacuum release stopcock, Thermometer with P.T.F.E. cone, Separating funnel, 250 ml, Stopper	6763.00

**X - 22 Vacuum Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1420	R.B. flask, 100 ml, Multiple adapter, two necks, Stillhead Air condenser, 400 mm, Receiver adapter, bent with vent, R.B. flask, 50 ml, Thermometer with P.T.F.E. cone, Separating funnel, 50 ml, Stopper	3074.00

**X - 23 Vacuum Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1422	R.B. flask, 500 ml, Splash head, double bulb, Double surface condenser, 200 mm Receiver adapter, with Vacuum connection, Round bottom flask, 100 ml, air leak tube	3450.00

**X - 24 Vacuum Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1424	R.B. flask, 500 ml, Claisen head, Jacketed coil condenser, 150 mm, Receiver adapter with Vacuum connection, R.B. flask, 100 ml, Test tube 200 ml, Gas wash bottle fitting, Thermometer with P.T.F.E cone, Air leak tube	3750.00

**Assemblies  
Kjeldahl Distillation**

**X - 25 Vacuum Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1426	R.B. flask, 1000 ml, Recovery bend, Double coil condenser Round bottom flask, two necks 500 ml, Vacuum release stopcock	3960.00

**X - 26 Vacuum Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1428	R.B. flask, 1000 ml, Recovery bend, Jacketed coil condenser, 150 mm, Receiver adapter, bent with vent, R.B. flask, 250 ml	2564.00

**X - 27 Kjeldahl Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1430	R.B. flask, 1000 ml, Multiple adapter, two necks, Splash head, vertical, Liebig condenser, 400 mm, Receiver adapter, Separating funnel, 100 ml	2602.00

**X - 28 Kjeldahl Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1432	R.B. flask, 800 ml, Multiple adapter, two necks, Splash head, vertical, Liebig condenser, 400 mm, Receiver adapter, Separating funnel, 100 ml	3264.00

*Esware*

**Assemblies  
Fractionation**

**X - 29 Fractionation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1434	R.B. flask, 500 ml, Cup Joint adapter, Ball joint adapter Joint clip, S 35 Air condenser, 300 mm, Multiple adapter, two necks, Immersion condenser Stillhead, Thermometer pocket Receiver adapter, Plain bend Liebig condenser, 400 mm, Receiver adapter	4629.00

**X - 30 Fractionation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1436	R.B. flask, 250 ml, Air condenser, 400 mm, Stillhead Thermometer with P.T.F.E. cone Liebig condenser, 200 mm Bend with multiple connection 3 x R.B. flask, 25 ml	3509.00

**X - 31 Fractionation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1438	R.B. flask, 1000 ml, Swan neck adapter, Air condenser, 400 mm, Multiple adapter, two necks, Immersion condenser, Stillhead, Thermometer, with P.T.F.E. cone, Liebig condenser, 400 mm, Ball joint adapter Cup joint adapter, Adapter with 'T' connection, Separating funnel, 100 ml, Reduction adapter R.B. flask, two necks, 500 ml Vacuum release stopcock, Joint clip, S 29	7388.00

**Assemblies  
Steam Distillation**

**X - 32 Gas Evolution Assembly, ESWARR**

Cat. No.	Components	Price
ES 1440	Conical flask, 1000 ml, Adapter with 'T' connection, Separating funnel, 500 ml, Stopper	2047.00

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**X - 33 Gas Evolution Assembly, ESWARR**

Cat. No.	Components	Price
ES 1442	Buchner flask, 1000 ml, Thistle funnel head	1169.00

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**X - 34 Gas Evolution Assembly, ESWARR**

Cat. No.	Components	Price
ES 1444	Conical flask, 500 ml, Separating funnel, 100 ml	1037.00

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**X - 35 Steam Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1446	RB. flask, two necks, 500 ml Splash head, Liebig condenser, 200 mm, Receiver adapter, Air leak tube	1591.00

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*Esware*

**Assemblies  
Steam Distillation**

**X - 36 Steam Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1448	R.B. flask, 500 ml, Stillhead Air leak tube, Liebig condenser 400 m, Receiver adapter	1501.00

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**X - 37 Steam Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1450	R.B. flask, 500 ml, Steam distillation head, Liebig condenser 400 m, Receiver adapter	1791.00

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**X - 38 Steam Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1452	R.B. flask, 1000 ml, Multiple adapter, two necks, Air leak tube, bent, Recovery bend, Jacketed coil condenser, 150 mm Receiver adapter	2439.00

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**Assemblies  
Misc Distillation**

**X - 39 Frothy Liquids Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1454	R.B. flask, 1000 ml, Antifoaming splash head, Air leak tube, Thermometer pocket, Receiver adapter, Coil condenser, 300 mm, dapter with 'T' Connection R.B. flask, 250 ml	4921.00

**X - 40 Destructive Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1456	R.B. flask, 1000 ml, Stillhead Thermometer with P.T.F.E. cone Liebig condenser, 00 mm, Gas absorption adapter with vacuum break	2707.00

**X - 41 Gas Absorption Assembly, ESWARR**

Cat. No.	Components	Price
ES 1458	2 x U-tubes with socket 1 x U-tube with cone, Drying tube, Cone adapter, bent	1345.00

**X - 42 Vacuum Sublimation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1460	Test tube, Adapter with 'T' connection, Immersion condenser	663.00

*Esware*

**Assemblies  
Solvent Recovery**

**X - 43 Recovery Assembly, ESWARR**

Cat. No.	Components	Price
ES 1462	R.B. flask, 250 ml, Multiple adapter, two necks, Recovery bend, Liebig condenser, 400 mm Receiver adapter, Separating funnel, 100 ml	2143.00

**X - 44 Recovery Assembly, ESWARR**

Cat. No.	Components	Price
ES 1464	R.B. flask, 2000 ml, Stillhead Jacketed coil condenser, 150 mm Receiver adapter, Separating funnel, 100 ml, Stopper	3422.00

**X - 45 Solvent Recovery Assembly, ESWARR**

Cat. No.	Components	Price
ES 1466	F.B. flask, 150 ml, Recovery bend, Jacketed coil condenser 150 mm, Receiver adapter	2401.00

**Assemblies  
Solvent Recovery**

<b>X - 46 Solvent Recovery Assembly, ESWARR</b>		
<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1468	R.B. flask, 250 ml, Recovery bend, Liebig condenser, 400 mm Receiver adapter, bent with vent R.B. flask, 250 ml	1667.00

<b>X - 47 Solvent Recovery Assembly, ESWARR</b>		
<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1470	R.B. flask, 500 ml, Recovery bend, Air condenser, 200 mm Ether condenser, Buchner flask 250 ml	6250.00

<b>X - 48 Solvent Recovery Assembly, ESWARR</b>		
<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1472	R.B. flask, 500 ml, Hopkin condenser, Receiver adapter	1587.00

<b>X - 49 Solvent Recovery Assembly, ESWARR</b>		
<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1474	F.B. flask, 250 ml, Plain ody extractor, Coil condenser, 150 mm	1990.00

*Esware*

**Assemblies  
Distillation Units**

<b>X - 50 Vacuum Distillation Unit, ESWARR</b>		
<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1476	Reaction vessel, 20000 ml with 100 mm flat flange joint, 100 mm flat flange adapter with five necks Joining clip, 100 mm, Gas inlet tube, Thermometer pocket, Stopeer, Recovery bend, Thermometer with P.T.F.E. cone, Stirrer guide Ground sleeve gland, Anchor stirrer, 750 mm, Double coil condenser, 380 mm, Receiver adapter, Intermediate flask, 500 ml, Vacuum control stopcock Stopcock adapter, Round bottom flask, two necks, 2000 ml Vacuum releaser stopcock	47470.00

<b>X - 51 Distillation Unit, ESWARR</b>		
<b>Cat. No.</b>	<b>Components</b>	<b>Price</b>
ES 1478	Reaction vessel, 10000 ml with 100 mm flat flange joint, 100 mm flat flange adapter with 4 necks Joining clip, 100 mm, Gas inlet tube, Stopeer, Stirrer guide Ground sleeve gland, Anchor stirrer, 750 mm, Still head Double coil condenser, 230 mm, Receiver adapter, R.B.flask, 2000 ml Thermometer pocket	27995.00



**Determination  
Alkoxy Group**

*Eswaren*

**Determination  
Evaporators**

**X - 52 Alkoxy Group Determination Apparatus, ESWARR**

Cat. No.	Components	Price
ES 1480	Distillation flask combines with condenser, Scrubber, Delivery tube with spiral, Receiver tube	2781.00

**X - 53 Acetyl Group Determination Apparatus, ESWARR**

Cat. No.	Components	Price
ES 1482	Pear shape flask, 50 ml Stillhead, Liebig condenser 200 mm, Funnel plug (Reflux can be arranged by fitting the condenser directly into the flask)	1397.00

**X - 54 Kuderna Danish Evaporator, ESWARR**

Cat. No.	Components	Price
ES 1484	R.B. flask 150 ml, Upper chamber 250 ml, Kuderna column	4726.40

**X - 55 Climbing Film Evaporator, ESWARR**

Cat. No.	Components	Price
ES 1486	Stopcock adapter, Reservoir 000 ml, Flow indicator, Control stopcock, Evaporator tube, 1500 mm long, Joint clip S 29 Stillhead, Thermometer with PTFE cone, Cyclone body acketed coil condenser, 150 mm intermediate receiver flask 250 ml, 3 X vacuum control stopcock, Stopcock adapter, Receiver flask, two necks 1000 ml, 2 X vacuum release stopcock, Joint slip S 35 Stillhead, Double coil condenser 380 mm, Intermediate receiver flask 500 ml, Stopcock adapter Receiver flask, two necks, 2000 ml	39781.00

**X - 56 Circulatory Cyclone Ecaporator, ESWARR**

Cat. No.	Components	Price
ES 1488	Steam heated cyclone evaporator Feed control stopcock, Stillhead Thermometer with PTFE cone Receiverble coil condenser 380 mm, Intermediate receiver flask 500 ml, vacuum control stopcock, Stopcock adapter Receiver flask, two necks, 2000 ml Vacuum release stopcock	24930.00

**Determination  
Moisture**

*Esware*

**Determination  
Molecular Weight**

**X - 57 Water Estimation Apparatus, (DEAN & STARK),  
Light Entrainer, Without Stopcock, ESWARR**

Cat. No.	Components	Price
ES 1490	Receiver 10 ml, R.B. Flask 1000 ml, Liebig condenser 400 mm	1490.00
ES 1492	Receiver 25 ml, R.B. Flask 1000 ml, Liebig condenser 400 mm	1751.00
ES 1492	Receiver 100 ml, R.B. Flask 1000 ml, Liebig condenser 400 mm	1995.00

**X - 58 Water Estimation Apparatus, (DEAN & STARK),  
Light Entrainer, Without Stopcock, ESWARR**

Cat. No.	Components	Price
ES 1494	Receiver 10 ml, R.B. Flask 1000 ml, Liebig condenser 400 mm	1650.00
ES 1496	Receiver 25 ml, R.B. Flask 1000 ml, Liebig condenser 400 mm	1995.00
ES 1498	Receiver 100 ml, R.B. Flask 1000 ml, Liebig condenser 400 mm	2331.00

**X - 59 Landsburger Boiling Apparatus  
(Walker Lumsden), ESWARR**

Cat. No.	Description	Price
ES 1500	Comprising of graduated inner tube with outer Jacket and conical flask with connecting tubes Cork fitted	1560.00

**Determination  
Nitrogen**

*Esware*

**Determination  
Nitrogen**

**X - 60 Kjeldahi Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1510	Kjeldahi flask 500 ml, Multiple adapter two necks, Dropping funnel 50 ml, Dropping funnel plug, Splash head, vertical Liebig condenser 200 mm Receiver adapter	3141.00
ES 1512	Kjeldahi flask 500 ml, Multiple adapter two necks, Dropping funnel 50 ml, Dropping funnel plug, Splash head, vertical Liebig condenser 200 mm Joint clip, S 19	3570.00

**X - 61 Markham Semi-Micro Distillation Unit, ESWARR**

Cat. No.	Components	Price
ES 1514	Markham still body, Funnel plug, Liebig condenser 200 mm, Joint clip, S 19	5971.00
ES 1516	Markham still body, Funnel plug, Liebig condenser 200 mm, Receiver adapter	5271.00

**X - 62 Parnas & Wagner Apparatus (Standard Type),  
ESWARR**

Cat. No.	Components	Price
ES 1518	Steam generating flask, 1000 ml, Steam trap, Vacuum jacketed flask, Funnel with pinch cock, Condenser body condenser inner tube (glass) Receiving flask 250 ml, Stand, clamps and burner as suggested B.S.S.	6241.00
ES 1520	Steam generating flask, 1000 ml, Steam trap, Vacuum jacketed flask, Funnel with pinch cock, Condenser body condenser inner tube (silver) Receiving flask 250 ml, Stand, clamps and burner as suggested in B.S.S.	9791.00

**X - 63 Vaccum Jacketed, flask for Parnas Wagner  
Apparatus, ESWARR**

Cat. No.	Components	Price
ES 1522	Flask for rubber tube connection	2198.00

**X - 64 Flask, Dewar, Silvered without carrying  
case and stopper, ESWARR**

Cat. No.	Cap.ml	Price
ES 1524	250	1257.00
ES 1526	500	1831.00
ES 1528	1000	3199.00
ES 1530	1500	7093.00
ES 1532	2000	10277.00

**Determination  
Essential Oil Etc.**

*Esware*

**Determination  
Essential Oil Etc.**

**X - 65 Volatile Acid Determination Apparatus, ESWARR**

Cat. No.	Description	Price
ES 1534	Polenske and Reichertmeissl For the determination of soluble and insoluble volatile acids in fats and oils. For analysis of butter and butter fats. Comprising of 300 ml flask, stillhead, condenser and receiver flask graduated at 100 and 100 ml.	917.00
ES 1536	Comprising of the parts of 2178 but complete with stand, clamps and burner	2197.00

**X - 66 Essential Oil Determination Apparatus, ESWARR**

Cat. No.	Description	Price
ES 1538	Cocking and middleton - For the determination of volatile oil in drugs - comprising of 1000 ml flask and vertical tube combined with condenser and measuring tube with stopcock. A return tube for the aqueous part of the distillate connects the bottom of the measuring tube and the vertical tube	3793.00

**X - 67 Essential Oil Determination Apparatus, ESWARR**

Cat. No.	Description	Price
ES 1540	Clevenger - For the determination of volatile oil lighter than water Comprising of 1000 ml flask, oil separatory tube and condenser	2592.00

**X - 68 Essential Oil Determination Apparatus, ESWARR**

Cat. No.	Description	Price
ES 1542	Clevenger - For the determination of volatile oil lighter than water Comprising of 1000 ml flask, oil separatory tube and condenser	2592.00

**Extraction  
Soxhlet**

*Esware*

**Gas Analysis  
3-test**

**X - 69 Soxhlet Extraction Apparatus, ESWARR**

Cat. No.	Components	Price
ES 1544	Extractor 40 ml, F.B. flask 100 ml, Allihn condenser 200 mm	1553.00
ES 1546	Extractor 60 ml, F.B. flask 150 ml, Allihn condenser 200 mm	1559.00
ES 1548	Extractor 100 ml, (34/35 socket) F.B. flask 250 ml, Allihn condenser 200 mm (34/35 cone)	1847.00
ES 1550	Extractor 100 ml, (40/38 socket) F.B. flask 250 ml, Allihn condenser 200 mm (40/38 cone)	1919.00
ES 1552	Extractor 200 ml, F.B. flask 500 ml, Allihn condenser 200 mm	2551.00

**X - 70 Extractor Only for Soxhlet Apparatus, ESWARR**

Cat. No.	Cap.ml	Socket	Cone	Price
ES 1554	60	34/35	24/29	609.00
ES 1556	100	34/35	24/29	885.00
ES 1558	100	40/38	24/29	885.00
ES 1560	200	50/42	24/29	1131.00
ES 1562	250	50/42	24/29	1377.00

**X - 71 Gas Analysis Apparatus, 3 Test, Orsat, ESWARR**

Cat. No.	Description	Price
ES 1564	For the analysis of CO <sub>2</sub> , CO and O <sub>2</sub> Comprising of levelling bottle, 100 ml gas burette with outer jacket, three absorption pipettes (two filled with glass tubes and one with copper spiral and glass tubes), 3-test manifold, calcium chloride tube and rubber bellow. In woodencase with sliding doors.	8732.00

**X - 72 SPARES : ESWARR**

Cat. No.	Description	Price
ES 1566	100 ml gas burette with outer jacket for 2210	1269.00
ES 1568	3 test manifold for 2210	1721.00
ES 1570	Absorption pipette filled with glass tubes for 2210	882.00

**Gas Analysis  
4-test**

*Esware*

**Gas Analysis  
Sampling tube etc.**

**X - 73 Gas Analysis Apparatus, 4 Test, Orsat, ESWARR**

Cat. No.	Description	Price
ES 1572	Similar to 2210 in general design but with four pipettes and a palladium asbestos tube. This is for the analysis of CO <sub>2</sub> , CO, O <sub>2</sub> , H <sub>2</sub> , and nitrogen (by difference). Comprising of levelling bottle, 100 ml, gas burette with outer jacket four absorption pipettes (Two filled with glass tubes, one filled with copper spiral and glass tubes and the other plain). Palladium asbestos tube, adjustable spirit lamp, 4-test manifold, calcium chloride tube and rubber bellow. In wooden case with sliding doors.	11430.00

**X - 74 SPARES : ESWARR**

Cat. No.	Description	Price
ES 1572	100 ml gas burette with outer jacket for 2214	1269.00
ES 1576	4 test manifold for 2214	2104.00
ES 1578	Absorption pipette filled with glass tubes for 2214	882.00
ES 1580	Palladium asbestos tube for 2214	690.00

**X - 75 Gas Burettes, Tutweiler, ESWARR**

Cat. No.	Description	Price
ES 1582	For determining hydrogen sulphide in illuminating and other gases. The burette has two stopcocks at top and bottom and is graduated at 100 ml and 110 ml. The volume between the 110 ml mark and the lower stopcock is approximately 5 ml. The 10 ml reservoir is graduated in 0.1 ml divisions.	1961.00
ES 1584	Similar to 2223 but with graduations at 500 ml, 520 ml and 540 ml. The volume between 540 ml mark and the lower stopcock is approximately 25 ml	3080.00

**X - 76 Gas Burettes, Bunte, ESWARR**

Cat. No.	Description	Price
ES 1586	This burette has two stopcocks and stoppered cup. The bulb capacity is 55 ml and the burette is graduated 45-0-15 ml in 0.2 ml divisions. The stoppered cup is graduated at 20 ml and 25 ml.	1961.00

**X - 77 Gas Sampling Tubes, Straight Bore Stopcock, ESWARR**

Cat. No.	Cap.ml	Price
ES 1588	125	619.00
ES 1590	250	813.00
ES 1592	500	1162.00
ES 1594	1000	222.00

**Stills  
Water**

*Esware*

**Stills  
Mercury Etc.**

**X - 78 Water Still, ESWARR**

Cat. No.	Description	Price
ES 1596	Single distillation water still All glass construction with silica sheathed 1 K.W. heater fitted by PTFE sleeve - Completely interchangeable parts - Capable of producing high quality water with an output of 1.0 to 1.2 litres per hour complete with stand	8387.00

**X - 79 Water Still, ESWARR**

Cat. No.	Description	Price
ES 1598	Double distillation water still All glass construction with two silica sheathed 1 K.W. heater fitted by PTFE sleeve - Completely interchangeable parts - Capable of producing extremely pure water with an output of 1.0 to 1.2 litres per hour. complete with stand	16160.00

**X - 80 SPARES : ESWARR**

Cat. No.	Description	Price
ES 1600	Boiling chamber with B 34, B 29 & B 19 sockets	1753.00
ES 1602	Condenser with B 34 cone	1753.00
ES 1604	Constant level device with B 19 cone	293.00
ES 1606	Silica sheathed heater with PTFE B 29 cone	3650.00
ES 1608	Stand	1290.00

**X - 81 Re-Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1610	F.B flask with a side tube 1000 ml, Coil condenser 200 mm, Stopper	1548.00

**X - 82 Ammonia Distillation Assembly, ESWARR**

Cat. No.	Components	Price
ES 1612	Kjeldahl flask 800 ml Stillhead, Coil condenser 200 mm	1785.00

**X - 83 Mercury Distillation Assembly, Hulett, ESWARR**

Cat. No.	Components	Price
ES 1614	Distilling flask 500 ml Stopcock - controlled air bleeding tube, Air condenser 500 mm, Liebig condenser 200 mm, Receiver adapter, with vacuum, Connection Receiving bottle 500 ml	2423.00

**Filtration**

*Esware*

**Culture**

**Y - 1 Micro Filter Holder Assembly, with Rubber Cork, ESWARR**

Cat. No.	Description	Price
ES 1616	Funnel for 13 & 25 size filter Base with sintered disc for 13 size filter Spring Clamp, 13 & 25 size 100 ml Buchner Flask with cork	3234.00
ES 1618	Funnel for 13 & 25 size filter Base with sintered disc for 25 size filter Spring Clamp, 13 & 25 size 100 ml Buchner Flask with cork	3234.00

**Y - 2 Tubes, Culture, Round Bottom, with Screw Cap and Rubber Liner, ESWARR**

Cat. No.	Cap. ml	Height x Dia mm	Price
ES 1620	5	75 x 16	23.00
ES 1622	10	125 x 16	27.00
ES 1624	30	100 x 25	31.00

**Y - 3 Tubes, Culture, Flat Bottom, with Screw Cap and Rubber Liner, Ideal replacement of Bijou Bottles, Mc Cartney Bottles and Universal Bottles,SWARR**

Cat. No.	Cap. ml	Height x Dia mm	Price
ES 1626	5	50 x 16	23.00
ES 1628	10	60 x 25	23.00
ES 1630	30	100 x 25	30.00



**Filtration**

*Esware*

**Culture**

**Y - 1 Micro Filter Holder Assembly, with Rubber Cork, ESWARR**

Cat. No.	Description	Price
ES 1616	Funnel for 13 & 25 size filter Base with sintered disc for 13 size filter Spring Clamp, 13 & 25 size 100 ml Buchner Flask with cork	3234.00
ES 1618	Funnel for 13 & 25 size filter Base with sintered disc for 25 size filter Spring Clamp, 13 & 25 size 100 ml Buchner Flask with cork	3234.00

**Y - 2 Tubes, Culture, Round Bottom, with Screw Cap and Rubber Liner, ESWARR**

Cat. No.	Cap. ml	Height x Dia mm	Price
ES 1620	5	75 x 16	23.00
ES 1622	10	125 x 16	27.00
ES 1624	30	100 x 25	31.00

**Y - 3 Tubes, Culture, Flat Bottom, with Screw Cap and Rubber Liner, Ideal replacement of Bijou Bottles, Mc Cartney Bottles and Universal Bottles,SWARR**

Cat. No.	Cap. ml	Height x Dia mm	Price
ES 1626	5	50 x 16	23.00
ES 1628	10	60 x 25	23.00
ES 1630	30	100 x 25	30.00

**SODA GLASS**

*Eswarr*

**SODA GLASS**

Cat. No.	Particulars	Size	Price
ES 1632	Coplin Jar	5 slides	78.00
ES 1634	Canada balsam bottles	30ml 60ml	55.00 63.00
ES 1636	Dropping bottles TK Pattern	30ml 60ml 125ml	43.00 53.00 63.00
ES 1638	Reagent bottles NM	60ml 125ml 250ml 500ml 1000ml	27.00 36.00 44.00 66.00 132.00
ES 1640	Reagent bottles WM	60ml 125ml 250ml 500ml 1000ml	35.00 38.00 45.00 69.00 139.00
ES 1642	Amber reagent bottles NM	60ml 125ml 250ml 500ml 1000ml	32.00 41.00 53.00 76.00 132.00
ES 1644	Droppers	4" 6" 8"	8.00 11.00 14.00
ES 1646	Pestle & motor	6cm 9cm 11.5cm 15cm	64.00 76.00 103.00 162.00

Cat. No.	Particulars	Size	Price
ES 1648	Watch glass	2" Dia (Per Dzo) 2.5" Dia (Per Dzo) 3" Dia (Per Dzo) 4" Dia (Per Dzo)	38.00 52.00 71.00 94.00
ES 1650	Desiccators	100 mm 125 mm 150 mm 200 mm	325.00 445.00 610.00 1100.00
ES 1652	Sprit lamps	60 ml 125 ml	61.00 73.00
ES 1654	Pneumatic Trough	Ht x Dia (cm) 20 x 10 25 x 10 25 x 12.5 30 x 12.5	177.00 244.00 286.00 364.00
ES 1656	Silica crucibles with led	15 ml 25 ml 50 ml 80 ml	189.00 216.00 371.00 709.00
ES 1658	Silica basin	55mm cap 35ml 75mm cap 70ml 87mm cap 100ml 94mm cap 150 ml	205.00 350.00 538.00 665.00
ES 1660	Leimco specific gravity hydrometers	Heavy liquid 1.000 to 2.000 Light liquid 0.700 to 1.000	190.00 190.00
ES 1662	Bunsen burner	With stop cock Without stop cock	145.00 112.00

**SODA GLASS**

Cat. No.	Particulars	Size	Price
ES 1664	Cork borer brass c.p.	Set of 6	78.00
ES 1666	Cork borer German type bottles		154.00
ES 1668	Brushes	Test tube brush	3.50
		Burette brush	12.00
		Pipette brush	8.50
		Bottle brush	11.50
ES 1670	Crucible tongs	Iron 6"	11.00
		Iron 8"	17.00
		ss 6"	73.00
		ss 8"	87.00
		ss 10"	135.00
ES 1672	Retort rings	2"	23.00
		3"	30.00
		4"	41.00
ES 1674	Spatula SS	6"	9.00
		8"	14.00
ES 1676	Spirit lamp 125ml	Aluminium	33.00
		Brass	60.00
		SS	55.00
ES 1678	Test tube holders	Sliding pattern iron ZP	8.50
		Sliding pattern brass	34.00
ES 1680	Water bath copper	4"	210.00
		5"	265.00
		6"	313.00
		8"	544.00

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**SODA GLASS**

Cat. No.	Particulars	Size	Price
ES 1682	Wire gauze		8.00
ES 1684	Victor retort stands	6x4x18"	154.00
		8x5x24"	166.00
		7x5x24"	147.00
		9x6x30"	256.00
ES 1686	Tripod stand	6"x4"	42.00
		8"x4"	48.00
		8"x5"	60.00
ES 1688	Victor tripod stand	6"x5"	78.00
		8"x5"	84.00
ES 1690	Victor fisher type burette clamps	Single	67.00
		Double	96.00
ES 1692	Burette clamp		67.50
ES 1694	Victor 3-finger jaw type clamp	3" dia	144.00
ES 1696	Pipette bulbs	Small	8.00
		Medium	11.00
		Large	16.00
		Extra	22.00
ES 1698	Latex teats	Large white	5.00
		Small white	3.50
ES 1700	Rubber tubing	4.5mm (for coil)	90.00
		6mm (for coil)	108.00
		8mm (for coil)	132.00
		10mm (for coil)	210.00

**SODA GLASS**

*Eswarr*

**PVC ITEMS**

Cat. No.	Particulars	Size	Price
ES 1702	Evaporating basin (porcelain)	75 mm	25.00
		100 mm	39.00
		125 mm	86.00
		150 mm	134.00
ES 1704	Buckner funnel (porcelain)	60 mm	64.00
		75 mm	90.00
		100 mm	125.00
		125 mm	192.00
		150 mm	288.00
ES 1706	Pestle & motor (porcelain)	75mmx90mm`	56.00
		100mmx125mm	115.00
		125mmx155mm	185.00
		150mmx180mm	234.00
		175mmx200mm	426.00

Cat. No.	Particulars	Size	Price
ES 1708	Beackers Polylab Polylab	50ml	8.00
		100ml	10.00
		250ml	18.50
		500ml	28.50
		1000ml	48.00
ES 1710	Bottles dropping Polylab	60ml	19.50
		125ml	26.00
ES 1712	Beackers reagent NM Polylab	60ml	18.50
		125ml	22.50
		250ml	33.50
		500ml	40.00
		1000ml	67.50
ES 1714	Beackers reagent WM Polylab	60ml	22.00
		125ml	26.50
		250ml	40.00
		500ml	51.50
		1000ml	78.50
ES 1716	Bottle washing Polylab	125ml	26.00
		250ml	31.50
		500ml	41.00

**PVC ITEMS**

*Eswarr*

**Heating Applications**

Cat. No.	Particulars	Size	Price
ES 1718	Measuring cylinder Polylab	10ml	17.50
		25ml	28.00
		50ml	33.50
		100ml	37.00
		250ml	86.50
		500ml	134.00
		1000ml	269.00
		2000ml	736.00
ES 1720	Kipps apparatus Polylab	500ml	912.00
		100ml	1160.00
ES 1722	Petridish Polylab	2"	10.50
		3"	14.50
		4"	19.50
		5"	48.00
ES 1724	Test tube stand Polylab	For 6 Tubes	26.00
ES 1726	Pipette Stand Horizontal Polylab	For 12 Pipettes	86.00
ES 1728	Burette Polylab	25ml	283.00
		50ml	303.00

Cat. No.	Particulars	Size	Price
ES 1730	Hot air oven digital controller inner chamber ss Brand Eswarr	14x14x14"	21465.00
		18x18x18"	28350.00
ES 1732	Incubator bacteriological Brand Eswarr	14x14x14"	21465.00
		18x18x18"	28350.00
ES 1734	B.O.D. incubator Brand Eswarr	Chamber 4cft	52400.00
		6 cft	55500.00
		10 cft	63500.00
ES 1736	Muffle furnace 900 <sup>o</sup> c Brand Eswarr	4x4x9"	17350.00
		6x6x12"	23500.00
ES 1738	Water bath SS Brand Eswarr	6 holes	5400.00
		12 holes	6300.00
ES 1740	Autoclave vertical Brand Eswarr	20x12"	35460.00
		22x14"	44900.00
		28x18"	79400.00
ES 1742	Heating Mantle Brand Eswarr	250ml	1200.00
		500ml	1450.00
		1000ml	1700.00
ES 1744	Hot plate round Brand Eswarr	8"dia	2100.00
		10"dia	2700.00
ES 1746	Electric Bunsen Burner Eswarr	350 watts	1276.00
ES 1748	Water Still Eswarr	2 lit	5690.00
		4 lit	6119.00
		6 lit	6923.00
		8 lit	8625.00

ES 1750	Digital ph meter Deep vision model no 1012	18845.00
ES 1752	Digital ph meter Deep vision model no 101	7625.00
ES 1754	Digital ph meter Deep vision model no 111	6500.00
ES 1756	Digital ph meter Deep vision model no 112	5420.00
ES 1758	Digital potentiometer Deep vision model no 118	7625.00
ES 1760	Digital photo colorimeter 5 filter Deep vision model no 313	6375.00
ES 1762	Digital photo colorimeter 8 filter Deep vision model no 321	7375.00
ES 1764	Digital UV-VIS spectrophotometer Deep vision model no 371	123750.00
ES 1766	Digital UV-VIS spectrophotometer Deep vision model no 1371	140000.00
ES 1768	Digital spectrophotometer Deep vision model no 302	35000.00
ES 1770	Digital spectrophotometer Deep vision model no 305	35000.00
ES 1772	Digital flame photometer Deep vision model no 1382	49210.00
ES 1774	Digital flame photometer Deep vision model no 381	30250.00
ES 1776	Microscope dissection best quality all brass parts	1025.00
ES 1778	Microscope student's Deep vision model no DV-18	2720.00
ES 1780	Microscope research student junior medical Deep vision model no DV - 20	3095.00
ES 1782	Microscope medical Deep vision model no DV-22	4720.00
ES 1784	Microscope binocular Deep vision model no DV-22	20625.00
ES 1786	Microscope traveling Deep vision model no DV-56	6250.00
ES 1788	Fluorescent microscope inverted tissue culture Deep vision	34155.00
ES 1790	Digital balance SHIMADZU model no BL 220 H	38400.00
ES 1792	Digital balance SHIMADZU model no BL 320 H	55000.00
ES 1794	Digital balance SHIMADZU model no ELB 300	19600.00

**Axiva Fixed Volume Micropipette**

Cat. No.	Model No.	Volume (ul)	Inaccuracy ±%	Imprecision ±%	Price Each
ES 1796	FAP-5	56	1.3	1.2	1740.00
ES 1798	FAP-10	10	0.8	0.8	1740.00
ES 1800	FAP-20	20	0.6	0.5	1740.00
ES 1802	FAP-25	25	0.5	0.3	1740.00
ES 1804	FAP-50	50	0.5	0.3	1740.00
ES 1806	FAP-100	100	0.5	0.3	1740.00
ES 1808	FAP-200	200	0.4	0.2	1740.00
ES 1810	FAP-250	250	0.4	0.2	1740.00
ES 1812	FAP-500	500	0.3	0.2	1740.00
ES 1814	FAP-1000	1000	0.3	0.2	1740.00
ES 1816	FAP-2000	2000	0.3	0.2	2460.00
ES 1818	FAP-5000	5000	0.3	0.2	2460.00

**Axiva Variable Volume Pipette**

<b>Cat. No.</b>	<b>Model No.</b>	<b>Volume (µl)</b>	<b>Increments (µl)</b>	<b>Test volume (µl)</b>	<b>Inaccuracy ±%</b>	<b>Imprecision ±%</b>	<b>Price Each</b>
ES 1820	VAP - 100	05-10	-	1/10	2.5/1	1.5/0.8	4310.00
ES 1822	VAP - 200	5-50	0.5	5/50	2/0.6	2/0.3	4310.00
ES 1824	VAP - 300	50-200	1	5/200	1/06	0.4/0.15	4310.00
ES 1826	VAP - 400	200-1000	5	200/1000	0.9/0.6	0.3/0.2	4310.00
ES 1828	VAP - 500	10-100	0.5	10/1000	3/0.8	1.5/0.15	4310.00
ES 1830	VAP - 600	100-1000	5	2/20	2/0.6	0.7/0.2	4310.00
ES 1832	VAP - 700	2-20	1	1/10	2/1.8	0.8/0.6	4310.00
ES 1834	VAP - 800	20-200	0.1	20/200	0.6/0.5	0.6/0.15	4310.00
ES 1836	VAP - 900	1000-5000	50	1000/5000	0.7/0.5	0.3/0.15	4930.00