



J Young

High Vacuum
Greaseless Stopcocks

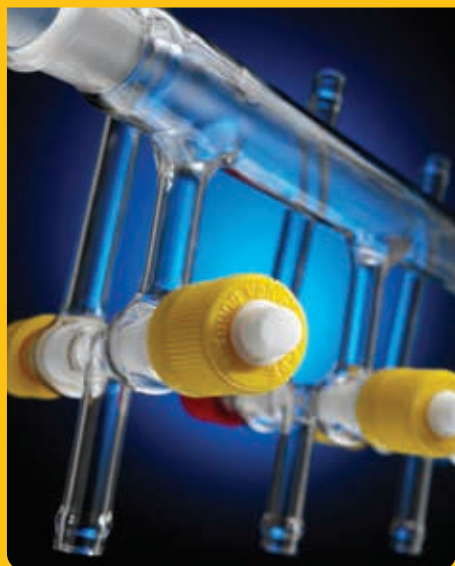
NMR Valves

Greaseless
Spherical Joints

High Vacuum Manifolds

O-Ring Joints

Schlenk Lines



GPE Scientific Limited is the exclusive manufacturer of the J Young brand.

J Young high vacuum greaseless stopcocks, synonymous the world over for high quality, incorporate three Viton O-ring seals (one encapsulated in PTFE) on a standard PTFE piston.

Glass pistons are available for low temperature work (-20°C to 200°C) and where greater chemical resistance is required we offer Perfluoro O-rings.

JY Greaseless stopcocks are leak tested to better than 10^{-6} Mb ltr/sec and are suitable for use in applications up to 7 PSI.

Our stopcocks are available with a choice of two types of threads, fine threads reference POR (yellow) and fast threads reference PTT (white). The POR range has alternative coloured caps available upon request.

Please note that the PTFE used complies with the requirements of FDA 21 CFR 177.1550 and USP class VI and is free from animal components BSE/TSE. For additional component technical data please see our web page www.gpescientific.co.uk under J Young.



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JY Straight Through Taps



Prod Code	Stopcock Size (mm)	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
POR/1	1	1.1	7	Fine
POR/2	2	2.2	7	Fine
POR/3	3	3	9	Fine
POR/4	4	4	7	Fine
POR/5	5	5	8	Fine
POR/6	6	6	9	Fine
POR/8	8	8	11	Fine
POR/10	10	10	13	Fine
POR/15	15	15.4	19	Fine
POR/20	20	19	24	Fine
POR/25	25	24	28	Fine
PTT/1	1	1.1	7	Fast
PTT/2	2	2.2	7	Fast
PTT/3	3	3	9	Fast
PTT/4	4	4	7	Fast
PTT/5	5	5	8	Fast
PTT/6	6	6	9	Fast
PTT/8	8	8	11	Fast
PTT/10	10	10	13	Fast

JY In Line Taps



Prod Code	Stopcock Size (mm)	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
SPOR/1	1	1.1	7	Fine
SPOR/2	2	2.2	7	Fine
SPOR/3	3	3	9	Fine
SPOR/4	4	4	7	Fine
SPOR/5	5	5	8	Fine
SPOR/6	6	6	9	Fine
SPOR/8	8	8	11	Fine
SPOR/10	10	10	13	Fine
SPOR/15	15	15.4	19	Fine
SPOR/20	20	19	24	Fine
SPOR/25	25	24	28	Fine
SPTT/1	1	1.1	7	Fast
SPTT/2	2	2.2	7	Fast
SPTT/3	3	3	9	Fast
SPTT/4	4	4	7	Fast
SPTT/5	5	5	8	Fast
SPTT/6	6	6	9	Fast
SPTT/8	8	8	11	Fast
SPTT/10	10	10	13	Fast

Stopcock sizes 1-15mm also available with glass pistons. To order add suffix/glass to catalogue number.

JY T Shape Taps



Prod Code	Stopcock Size (mm)	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
POR/T/1	1	1.1	7	Fine
POR/T/2	2	2.2	7	Fine
POR/T/3	3	3	9	Fine
POR/T/4	4	4	7	Fine
POR/T/5	5	5	8	Fine
POR/T/6	6	6	9	Fine
POR/T/8	8	8	11	Fine
POR/T/10	10	10	13	Fine
POR/T/15	15	15.4	19	Fine
POR/T/20	20	19	24	Fine
POR/T/25	25	24	28	Fine
PTT/T/1	1	1.1	7	Fast
PTT/T/2	2	2.2	7	Fast
PTT/T/3	3	3	9	Fast
PTT/T/4	4	4	7	Fast
PTT/T/5	5	5	8	Fast
PTT/T/6	6	6	9	Fast
PTT/T/8	8	8	11	Fast
PTT/T/10	10	10	13	Fast

JY In Line Taps



Prod Code	Stopcock Size (mm)	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
POR/W/1	1	1.1	7	Fine
POR/W/2	2	2.2	7	Fine
POR/W/3	3	3	9	Fine
POR/W/4	4	4	7	Fine
POR/W/5	5	5	8	Fine
POR/W/6	6	6	9	Fine
POR/W/8	8	8	11	Fine
POR/W/10	10	10	13	Fine
POR/W/15	15	15.4	19	Fine
POR/W/20	20	19	24	Fine
POR/W/25	25	24	28	Fine
PTT/W/1	1	1.1	7	Fast
PTT/W/2	2	2.2	7	Fast
PTT/W/3	3	3	9	Fast
PTT/W/4	4	4	7	Fast
PTT/W/5	5	5	8	Fast
PTT/W/6	6	6	9	Fast
PTT/W/8	8	8	11	Fast
PTT/W/10	10	10	13	Fast

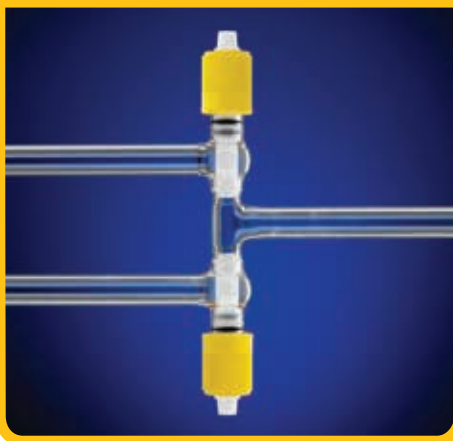
Stopcock sizes 1-15mm also available with glass pistons. To order add suffix/glass to catalogue number.

JY Right Angle Taps



Prod Code	Stopcock Size (mm)	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
POR/1/RA	1	1.1	7	Fine
POR/2/RA	2	2.2	7	Fine
POR/3/RA	3	3	9	Fine
POR/4/RA	4	4	7	Fine
POR/5/RA	5	5	8	Fine
POR/6/RA	6	6	9	Fine
POR/8/RA	8	8	11	Fine
POR/10/RA	10	10	13	Fine
POR/15/RA	15	15.4	19	Fine
POR/20/RA	20	19	24	Fine
POR/25/RA	25	24	28	Fine
PTT/1/RA	1	1.1	7	Fast
PTT/2/RA	2	2.2	7	Fast
PTT/3/RA	3	3	9	Fast
PTT/4/RA	4	4	7	Fast
PTT/5/RA	5	5	8	Fast
PTT/6/RA	6	6	9	Fast
PTT/8/RA	8	8	11	Fast
PTT/10/RA	10	10	13	Fast

JY Double Oblique Taps



Prod Code	Stopcock Size (mm)	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
POR/D/1	1	1.1	7	Fine
POR/D/2	2	2.2	7	Fine
POR/D/3	3	3	9	Fine
POR/D/4	4	4	7	Fine
POR/D/5	5	5	8	Fine
POR/D/6	6	6	9	Fine
POR/D/8	8	8	11	Fine
POR/D/10	10	10	13	Fine
POR/D/15	15	15.4	19	Fine
POR/D/20	20	19	24	Fine
POR/D/25	25	24	28	Fine
PTT/D/1	1	1.1	7	Fast
PTT/D/2	2	2.2	7	Fast
PTT/D/3	3	3	9	Fast
PTT/D/4	4	4	7	Fast
PTT/D/5	5	5	8	Fast
PTT/D/6	6	6	9	Fast
PTT/D/8	8	8	11	Fast
PTT/D/10	10	10	13	Fast

Stopcock sizes 1-15mm also available with glass pistons. To order add suffix/glass to catalogue number.

JY Spare O-Rings for Valve Pistons.

Product Code	Description
OS/5/VITON	Viton O-Ring for use with 1-10mm Valves
OS/7/VITON	Viton O-Ring for use with 15mm Valves
OS/13/VITON	Viton O-Ring for use with 20-25mm Valves
OS/5/PERFLUORO	Perfluoro O-Ring for use with 1-10mm Valves
OS/7/PERFLUORO	Perfluoro O-Ring for use with 15mm Valves
OS/13/PERFLUORO	Perfluoro O-Ring for use with 20-25mm Valves

General Purpose O-Ring Taps

For applications where less critical demands apply

- Self retaining keys
- No ground surface
- Temp range: -18°C to +60°C
- Only PTFE and glass in flow
- Bore size: 0 - 5mm
- Never leaks
- No contamination grease
- Never seizes
- No hold up of fluids
- Interchangeable

Straight Through



Prod Code	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
GP/5	5	8	Fast

Right Angle



Prod Code	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
GP/5/RA	5	8	Fast

Burette Single Pattern



Prod Code	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
GP/N/5	2.7	7	Fast

Double Pattern



Prod Code	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
GP/D/5	5	8	Fast

Burette Double Pattern



Prod Code	Side Arm ID (mm)	Side Arm OD (mm)	Thread Type
GP/D/10	2.7	7	Fast

JY NMR Valve with tube attached



Handle your NMR sample without flame sealing your tubes. Teflon covered O-Ring eliminates material incompatibilities. Completely greaseless Teflon assembly which is easy to use and to disassemble for cleaning. Includes female joint for quick attachment to your vacuum rack.

Available in Beige, Blue, Green, Orange, Red and Yellow.

Prod Code	Description	MHz Rating	Length (inches)
S-5-200-JY-7 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	200	7
S-506-PP-JY-7 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	200	7
S-5-200-JY-8 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	200	8
S-506-PP-JY-8 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	200	8
S-5-300-JY-7 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	300	7
S-507-PP-JY-7 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	300	7
S-5-300-JY-8 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	300	8
S-507-PP-JY-8 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	300	8
S-5-400-JY-7 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	400	7
S-527-PP-JY-7 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	400	7
S-5-400-JY-8 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	400	8
S-527-PP-JY-8 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	400	8
S-5-500-JY-7 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	500	7
S-528-PP-JY-7 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	500	7
S-5-500-JY-8 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	500	8
S-528-PP-JY-8 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	500	8
S-5-600-JY-7 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	600	7
S-535-PP-JY-7 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	600	7
S-5-600-JY-8 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	600	8
S-535-PP-JY-8 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	600	8
S-5-800-JY-7 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	800	7
S-541-PP-JY-7 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	800	7
S-5-800-JY-8 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	800	8
S-541-PP-JY-8 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	800	8
S-5-900-JY-7 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	900	7
S-542-PP-JY-7 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	900	7
S-5-900-JY-8 (NMR/5)	Norell Select Series NMR Tube with 5mm NMR Valve	900	8
S-542-PP-JY-8 (NMR/5)	Wilmad Precision NMR Tube with 5mm NMR Valve	900	8

JY NMR Valve only



J Young valve without NMR tube for glassblowing.

Available in Beige, Blue, Green, Orange, Red and Yellow.

Product Code	Description	Colour
50130-BEIGE	NMR Valve only - for 5mm tube	Beige
50130-BLUE	NMR Valve only - for 5mm tube	Blue
50130-GREEN	NMR Valve only - for 5mm tube	Green
50130-ORANGE	NMR Valve only - for 5mm tube	Orange
50130-RED	NMR Valve only - for 5mm tube	Red
50130-YELLOW	NMR Valve only - for 5mm tube	Yellow
50140-RED (10mm)	NMR Valve only - for 10mm tube	Red

JY Spherical Joint - The O-Ring Ball Joint



Spherical Ball Joint	Spherical Cup Joint	Shank Bore (mm)	Shank OD (mm)
GBM/12/2	GBF/12/2	2	7
GBM/12/5	GBF/12/5	5	8
GBM/18/7	GBF/18/7	7	11
GBM/18/9	GBF/18/9	9	12
GBM/28/12	GBF/28/12	12	17
GBM/28/15	GBF/28/15	15	19
GBM/35/20	GBF/35/20	20	24
GBM/40/25	GBF/40/25	25	28
GBM/51/35	GBF/51/35	35	38

Improved design, interchangeable and available with Viton or FEP Covered Viton O-Ring.

JY O-Rings for Spherical Joints



Product Code	Description
012/V	Viton O-Ring for use with 12/2 and 12/5 size Spherical Joints
018/V	Viton O-Ring for use with 18/7 and 18/9 size Spherical Joints
028/V	Viton O-Ring for use with 28/12 and 28/15 size Spherical Joints
035/V	Viton O-Ring for use with 35/20 size Spherical Joints
040/V	Viton O-Ring for use with 40/25 size Spherical Joints
051/V	Viton O-Ring for use with 51/35 size Spherical Joints
012/P	Perfluoro O-Ring for use with 12/2 and 12/5 size Spherical Joints
018/P	Perfluoro O-Ring for use with 18/7 and 18/9 size Spherical Joints
028/P	Perfluoro O-Ring for use with 28/12 and 28/15 size Spherical Joints
035/P	Perfluoro O-Ring for use with 35/20 size Spherical Joints
040/P	Perfluoro O-Ring for use with 40/25 size Spherical Joints
051/P	Perfluoro O-Ring for use with 51/35 size Spherical Joints

JY Clips for Spherical Joints



Product Code	Description
JC13	Spring Clip for use with 12/2 and 12/5 size Spherical Joints
JC19	Spring Clip for use with 18/7 and 18/9 size Spherical Joints
JC29	Spring Clip for use with 28/12 and 28/15 size Spherical Joints
JC35	Spring Clip for use with 35/20 size Spherical Joints
JC41	Spring Clip for use with 40/25 size Spherical Joints
JC51	Spring Clip for use with 51/35 size Spherical Joints
TJC/13	Thumb Screw Lock Clip for use with 12/2 and 12/5 Spherical Joints
TJC/19	Thumb Screw Lock Clip for use with 18/7 and 18/9 Spherical Joints
TJC/29	Thumb Screw Lock Clip for use with 28/12 and 28/15 Spherical Joints
TJC/35	Thumb Screw Lock Clip for use with 35/20 size Spherical Joints
TJC/41	Thumb Screw Lock Clip for use with 40/25 size Spherical Joints

JY Needle Valve
O-Ring Tap



Prod Code	Side Arm ID (mm)	Side Arm OD (mm)
POR/NV/1	1 mm Capillary	6
POR/NV/2	2 mm Capillary	6
POR/NV/3	3 mm Capillary	6
POR/NV/4	4	7
POR/NV/6	6	9
POR/NV/9	9	12

The Needle Valve Tap incorporates the same O-Ring sealing method as our standard taps but with a PTFE needle shut off point.

Calibrations on the barrel give an indication of flow to enable repetition

JY Air
Inlet Valve



Prod Code	Description
ALS/1	Air Inlet Valve, 5mm Bore, with fine thread

Many vacuum techniques require the system to be led down to air. This valve fulfills this requirement simply by turning the screw cap which releases a PTFE piston giving a fine control.

JY Vacuum/Schlenk
Flask with O-Ring Tap
and Plain Arm



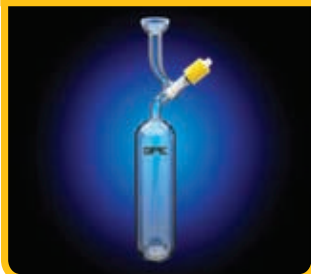
Prod Code	Capacity (ml)	Prod Code	Capacity (ml)
CSB/25	25	CSB/250	250
CSB/50	50	CSB/500	500
CSB/100	100	CSB/1000	1000

JY Vacuum/Schlenk Flask
with O-Ring Tap and Cold
Finger Plain Arm



Prod Code	Capacity (ml)	Prod Code	Capacity (ml)
CSY/25	25	CSY/250	250
CSY/50	50	CSY/500	500
CSY/100	100	CSY/1000	1000

JY Vacuum/Schlenk Flask with O-Ring Tap and O-Ring Ball Joint Cup



Prod Code	Capacity (ml)	Joint Size	Prod Code	Capacity (ml)	Joint Size
CSR/25	25	19	CSR/250	250	29
CSR/50	50	19	CSR/500	500	29
CSR/100	100	19	CSR/1000	1000	29

JY Gas Sample Tube with O-Ring Taps



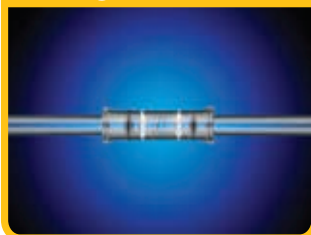
Prod Code	Capacity (ml)	Prod Code	Capacity (ml)
GST/100	100	GST/500	500
GST/125	125	GST/1000	1000
GST/250	250	GST/2000	2000

JY Gas Sample Tube with O-Ring Taps & Septum



Prod Code	Capacity (ml)	Prod Code	Capacity (ml)
GSS/100	100	GSS/500	500
GSS/125	125	GSS/1000	1000
GSS/250	250	GSS/2000	2000

High Vacuum Sliding Joints



Prod Code	Capacity (ml)	Arm Bore (mm)	O-Ring Size (mm)	O-Ring Material
PSJ/2	10 ID	2 CAP*	OS/5	Viton
PSJ/5	10 ID	5 mm	OS/5	Viton
PSJ/10	14 ID	10 mm	OS/7	Viton
PSJ/16	25 ID	16 mm	OS/13	Viton

High Vacuum Cylindrical Joints

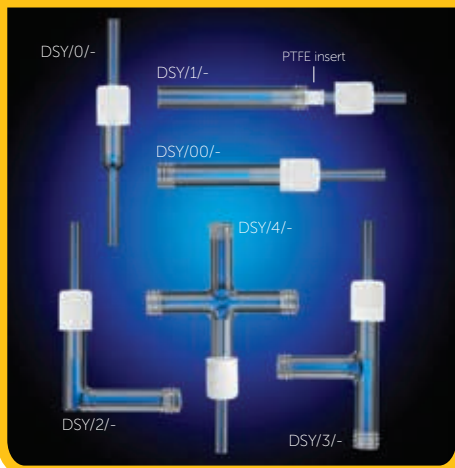


Prod Code	Capacity (ml)	Arm Bore (mm)	O-Ring Size (mm)	O-Ring Material
PCJ/2	10 ID	2 CAP*	OS/5	Viton
PCJ/5	10 ID	5 mm	OS/5	Viton
PCJ/10	14 ID	10 mm	OS/7	Viton
PCJ/16	25 ID	16 mm	OS/13	Viton

High Vacuum O-Ring Joints consist of a Viton O-Ring seal in a precision bore glass cylinder. This allows you to assemble in-situ by sliding one way and then another (PSJ/) or with the cylinder joined to one arm (PCJ/).

* 2mm Capillary Tubing

PTFE High Vacuum Screw Cap Joints



Prod Code	Thread Size (mm)	Tubing ID (mm)	Tubing OD (mm)	PTFE Insert Bore (mm)
DSY/0/1	13	5	8	8
DSY/00/1	13	5	8	8
DSY/1/1	13	5	8	8
DSY/2/1	13	5	8	8
DSY/3/1	13	5	8	8
DSY/4/1	13	5	8	8
DSY/0/2	19	8	11	11
DSY/00/2	19	8	11	11
DSY/1/2	19	8	11	11
DSY/2/2	19	8	11	11
DSY/3/2	19	8	11	11
DSY/4/2	19	8	11	11

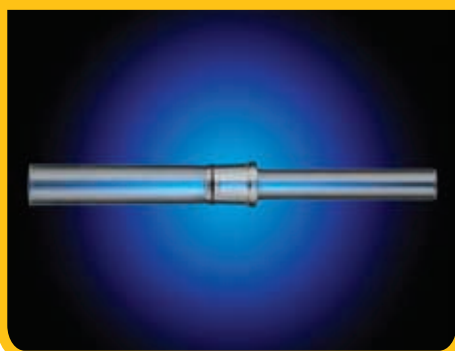
These joints are supplied with glass insert tubing and PTFE insert and screw cap.

Our PTFE High Vacuum Screw Cap Joints have been made to enable you to connect the various designs of J Young Stopcock sizes POR/5 and POR/8 without glassblowing.

The stopcock arm is held rigid but can be adjusted by loosening the screw cap.

Each screwthread is supplied with glass insert tubing, PTFE insert and screw cap. For example, DSY/4/2 is supplied with 4 screw caps, 4 inserts and 4 insert tubes.

Greaseless Conical Joints & O-Ring Tapered Joints



Greaseless Conical Joints consist of a clear glass cone fitted with a Viton O-Ring and a clear glass socket. Vacuum 10^{-6} Torr. Order parts separately.

Cones

Prod Code	Joint Size
ORB/10	B10
ORB/14	B14
ORB/19	B19
ORB/24	B24
ORB/29	B29
ORB/34	B34

Sockets

Prod Code	Joint Size
ORS/10	B10
ORS/14	B14
ORS/19	B19
ORS/24	B24
ORS/29	B29
ORS/34	B34

Spare O-Rings for High Vacuum O-Ring Joints

Prod Code	Description
OS/5/VITON	Viton O-Ring for use with PSJ/2&5 and PCJ/2&5
OS/7/VITON	Viton O-Ring for use with PSJ/10 and PCJ/10
OS/13/VITON	Viton O-Ring for use with PSJ/16 and PCJ/16
OS/5/PERFLUORO	Perfluoro O-Ring for use with PSJ/2&5 and PCJ/2&5
OS/7/PERFLUORO	Perfluoro O-Ring for use with PSJ/10 and PCJ/10
OS/13/PERFLUORO	Perfluoro O-Ring for use with PSJ/16 and PCJ/16

Vacuum Manifold/Schlenk Lines

GPE Vacuum Manifolds/Schlenk Lines are the finest available today, manufactured using our J Young high vacuum PTFE valves or with glass stopcocks if preferred. We can manufacture any shape or size according to your requirements. Our standard range is shown below.

General Purpose Single Bank Manifold



Prod Code	Number of Ports	JY Valve Size	Approx Overall Width
90001	3	0-10mm	300mm
90002	4	0-10mm	400mm
90003	5	0-10mm	500mm

General Purpose Single Bank Vacuum Manifold with J Young High Vacuum PTFE Valves. The main tube is 16mm OD with serrated 9mm end connections. Available with 3, 4 or 5 ports.

General Purpose Single Bank Manifold with Vacuum Gauge



Prod Code	Number of Ports	JY Valve Size	Approx Overall Width
90004	3	0-10mm	300mm
90005	4	0-10mm	400mm
90006	5	0-10mm	500mm

General Purpose Single Bank Vacuum Manifold with J Young High Vacuum PTFE Valves and vacuum gauge port. The main tube is 16mm OD with serrated 9mm end connections. Available with 3, 4 or 5 ports.

Space Saving Manifold



Prod Code	Number of Ports	JY Valve Size	Approx Overall Width
90007	3	0-10mm	225mm
90008	5	0-10mm	305mm
90009	8	0-10mm	420mm

General Purpose Space Saving Vacuum Manifold with J Young High Vacuum PTFE Valves. The main tube is 13mm OD with serrated 10mm end connections. Available with 3, 5 or 8 ports.

Dual Bank
Manifold



Prod Code	Number of Ports	JY Valve Size	Approx Overall Width
90010	3	0-10mm	300mm
90011	4	0-10mm	400mm
90012	5	0-10mm	500mm

GPE Dual Bank Manifold with J Young High Vacuum PTFE Valves. The main tubes are 24mm OD with serrated 9mm end connections. Available with 3, 4 or 5 ports.

Dual Bank Manifold
with Glass Stopcocks



Prod Code	Number of Ports	JY Valve Size	Approx Overall Width
90013	3	4mm	300mm
90014	4	4mm	400mm
90015	5	4mm	500mm

GPE Dual Bank Manifold with Glass Stopcocks. The main tubes are 24mm OD with B19 socket ends. Available with 3, 4 or 5 ports.

For B19 cone adapters please see product code JYA/2 (page 14).

Dual Bank Manifold with
Double Oblique Valves



Prod Code	Number of Ports	JY Valve Size	Approx Overall Width
90016	3	0-10mm	300mm
90017	4	0-10mm	400mm
90018	5	0-10mm	500mm

GPE Dual Bank Manifold with J Young Double Oblique High Vacuum PTFE Valves. The main tubes are 24mm OD. Supplied with GL25 fittings.

Dual Bank Offset Manifold



Prod Code	Number of Ports	JY Valve Size	Approx Overall Width
90019	3	10mm	300mm
90020	4	10mm	400mm
90021	5	10mm	500mm

GPE Dual Bank Offset Manifold with front control J Young High Vacuum PTFE Valves. The main tubes are 24mm OD with B19 socket ends. Available with 3, 4 or 5 ports.

For B19 cone adapters please see product code JYA/1 (see below).

B19 Cone Adaptor with JY Valve



Prod Code

JYA/1

For use with manifolds 90019, 90020, 90021.

B19 Cone Adaptor with Glass Stopcock



Prod Code

JYA/2

For use with manifolds 90013, 90014, 90015.

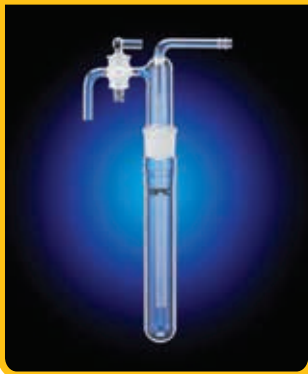
Vac Line Cold Trap



With B40 socket and high vacuum glass key on the inlet.

Prod Code	Body Dia (mm)	Body Length (mm)	Inner Tube Dia (mm)	Hose Connection Dia (mm)
JYT/1	44	280	13	15

Vac Line Cold Trap



With B40 socket and high vacuum glass key on the outlet.

Prod Code	Body Dia (mm)	Body Length (mm)	Inner Tube Dia (mm)	Hose Connection Dia (mm)
JYT/2	44	280	13	15

Vac Line Cold Trap



With B45 Rodaviss joint and JY bleed valve.

Prod Code	Body Dia (mm)	Body Length (mm)	Inner Tube Dia (mm)	Hose Connection Dia (mm)
JYT/3	50	240	13	15

Vac Line Bubbler



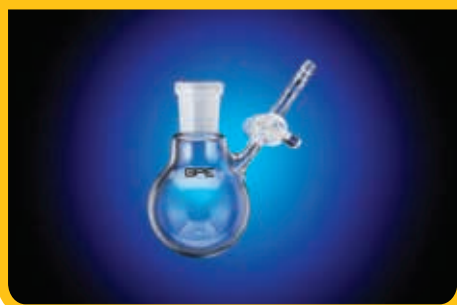
Prod Code	Capacity (ml)	Overall Length (mm)	Diameter (mm)
JYB/1	20	130	30

NMR Valve Evacuation
Manifold



Prod Code	JY Valve Size (mm)	Overall Length including cap (mm)	Hose Connection Dia (mm)
50150	10	110	9

Schlenk Flask, Round Bottom with Glass Key and Socket



Prod Code	Capacity (ml)	Joint Size
SRG/25	25	14
SRG/50	50	19
SRG/100	100	24
SRG/250	250	24
SRG/500	500	24
SRG/1000	1000	29

Finger Schlenk Tube with
Fast Thread Tap



Prod Code	Capacity (ml)
JFF/5	5

Sample Flask, Cylindrical, with Fine Thread Tap



Prod Code	Capacity (ml)
JCF/25	25
JCF/50	50
JCF/100	100
JCF/250	250
JCF/500	500
JCF/1000	1000

Sample Flask, Cylindrical, with Fine Thread Tap and B14 Socket



Prod Code	Capacity (ml)	Joint Size
JCS/25	25	14
JCS/50	50	14
JCS/100	100	14
JCS/250	250	14
JCS/500	500	14
JCS/1000	1000	14

Schlenk Flask, Round Bottom with Fine Thread Tap and Socket



Prod Code	Capacity (ml)	Joint Size
JRF/25	25	14
JRF/50	50	19
JRF/100	100	24
JRF/250	250	24
JRF/500	500	24
JRF/1000	1000	29

Schlenk Flask, Cylindrical with Fine Thread Tap and Cone



Prod Code	Capacity (ml)	Joint Size
JCC/25	25	19
JCC/50	50	19
JCC/100	100	24
JCC/250	250	24
JCC/500	500	24
JCC/1000	1000	29

Schlenk Flask, Cylindrical with Glass Tap and Cone



Prod Code	Capacity (ml)	Joint Size
SCG/25	25	19
SCG/50	50	19
SCG/100	100	24
SCG/250	250	24
SCG/500	500	24
SCG/1000	1000	29

Schlenk Cap



Prod Code	Joint Size
SC/19	19
SC/24	24
SC/29	29



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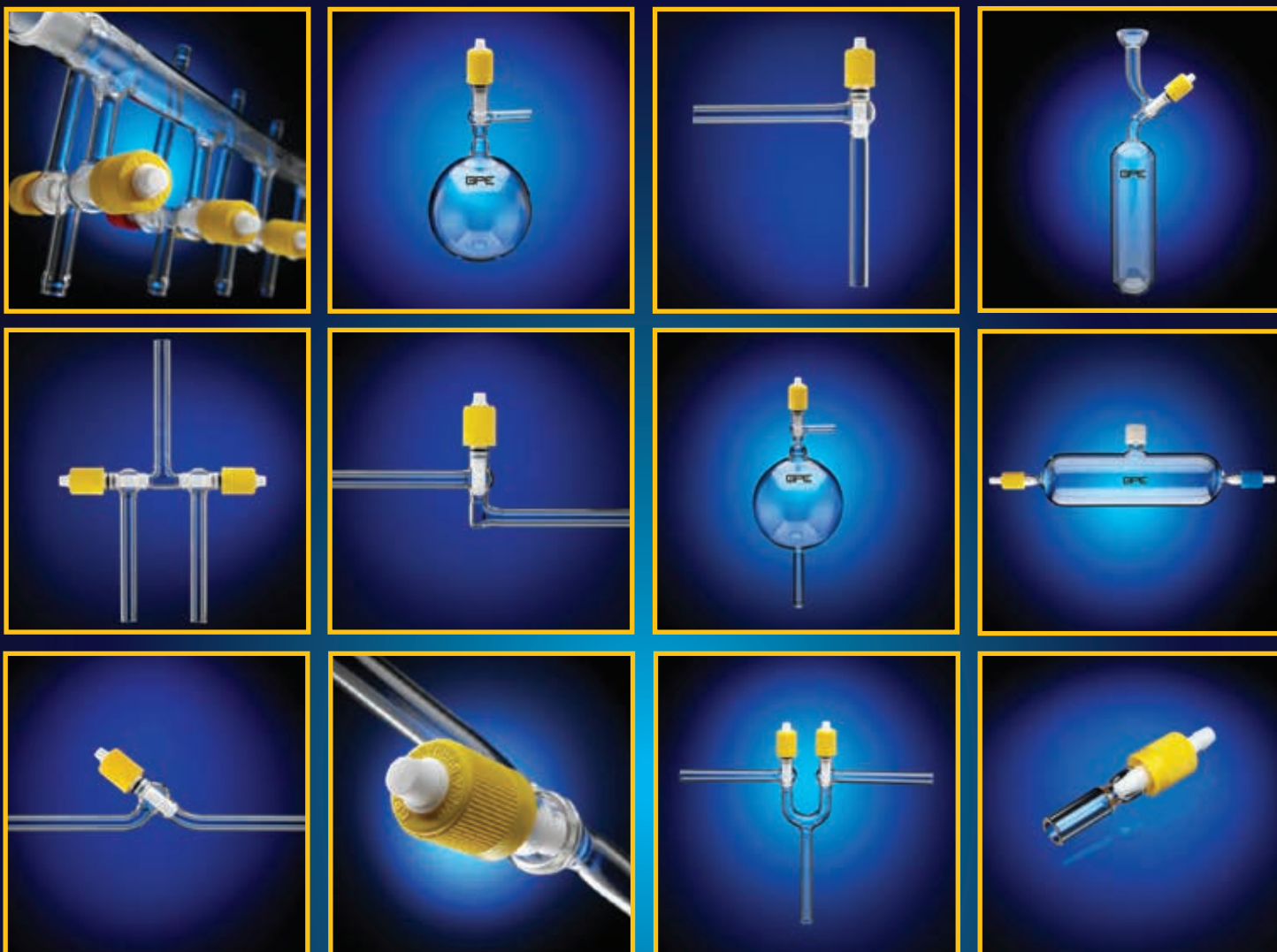
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