

Vials & Laboratory Consumables

Vials, Caps & Septa / Sampling & Storage Containers
Syringe Filters / Detector Lamps

4th Edition



qm_x





Our business model is founded on a clear philosophy: the provision of high quality products that provide added-value to our customers, backed by superior customer service. We passionately care about the products and the service that we provide you!

Our aims are to create value for our customers, business partners and our employees, and to build a company that our customers and business partners admire and one in which our employees have enormous pride.

We have a commitment to quality and distinction in the development and delivery of dependable, high quality solutions which serve your needs.

With this in mind, we are pleased to present our latest catalogue of Vials & Laboratory Consumables.

We appreciate your interest and look forward to serving your needs, now and in the future.



NEW PRODUCTS:



Tin Plate Seals with larger hole

The magnetic tin-plate seals are now available with an 8mm hole in addition to the existing product with a 5mm hole.

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ICP Autosampler Vials

A range of polypropylene vials used in popular autosamplers for ICP, from 6ml to 50ml with plugs and racks also available.

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Certified Syringe Filters

New Certified **Klarity™** Syringe Filters offer a step further in traceability, method validation and GLP. Manufactured to ISO9001 and tested in a ISO17025 accredited facility. Each single filter is printed with the membrane type and lot number.

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Syringe Filters - new membranes

Klarity™ Syringe Filters now available with Cellulose Acetate, Polyethersulfone, Nitrocellulose membranes and with a Glass Microfibre for removal of large particulates.

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Ordering information

every order is welcome - we have no minimum order value!

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Purchasing cards, debit cards & credit cards welcome



Bank

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Vat no. GB 638 1044 52

Company registration number: 2919923

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SWIFT: LOYDGB2L

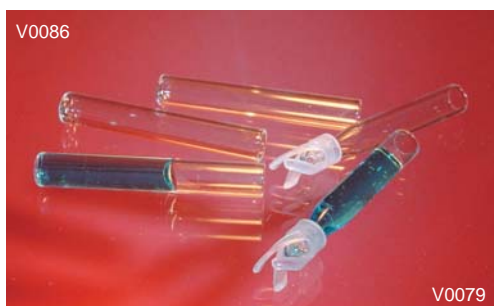
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All prices are in Pounds Sterling and are exclusive of VAT. Prices are subject to change without notice. A charge for carriage, packing and insurance will be added as a separate item to each order. Please do not return goods without prior agreement. Notification of shipping discrepancies must be received within 7 days from date of invoice. Payment terms are strictly 30 days from date of invoice. Interest will be charged for late payments.

Full terms & conditions are available on request.



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Tired of crimping?
Aching arm?
Try our Snap-Caps!

Order on-line
www.qmx.com

For use with : A.I.M. CPS-100, 200, A.I. 42 Vial Tray, AMS, ASC Fisons 42 Vial Tray, AS105 Tray, AS800, Chrompack CP9000, CTC A105S, A200S, Delsi, Dynatech 42 Vial Tray, Finnegan A200S, Fisons 42 Vial Tray, GBC, Gerstel, Gilson 231 XL, 232 XL, 233 XL, Asted XL, Aspec XL, Gynkotek, Agilent Technologies (Hewlett Packard), Hitachi AS-2000, Jasco 851-AS, AS-950, Kontron 360, LDC Marathon, Promis, Perkin Elmer Autosystem GC, AI-1; Integral 4000, LC600 42 vial tray, ISS-100/200, 420/B, 4900, Pharmacia LKB 2157-010, Phillips LC-XP, 4247, 4710, Polymer Labs, SGE M280D, Shimadzu SIL-10A, 10Ai, 10AxL, Spark-Holland, Spectra-Physics, Thermo Sep., Tracor, Unicam LC-XP & 4710/4247, Varian 8100/8200, Marathon, 9100/9090/9095, Waters Alliance 2690.

Economical Standard Crimp Vials

The Standard Crimp Vial is designed for use with aluminium Crimp Seals. Choose from clear or amber Type I borosilicate glass. Available with marking spots.

Vials - 12 x 32mm Crimp Vials, 11mm, pk.1000

code	description
V0047	2ml Clear Glass Vial
V0048	2ml Amber Glass Vial
V0052	2ml Clear Glass Vial with Marking Spot
V0053	2ml Amber Glass Vial with Marking Spot

Low Volume Inserts - for 12 x 32mm Crimp Vials, pk.100

code	description
V0075	50µl Glass Insert with Bottom Spring
V0079	100µl Glass Insert with Bottom Spring
V0086	250µl Glass Flat Bottom Insert pk. 1000
V0082	100µl Polypropylene Insert with Bottom Spring

Aluminium Crimp Seals - 11mm, for Standard Crimp Vials, pk.1000

code	description
V0167	Silver Seal with 0.010" PTFE
V0175	Silver Seal with 0.010" Polypropylene
V0177	Silver Seal with PTFE/Rubber
V0178	Blue Seal with PTFE/Rubber
V0179	Green Seal with PTFE/Rubber
V0180	Red Seal with PTFE/Rubber
V0181	Gold Seal with PTFE/Rubber
V0190	Silver Seal with PTFE/Silicone
V0191	Blue Seal with PTFE/Silicone
V0192	Green Seal with PTFE/Silicone
V0193	Red Seal with PTFE/Silicone
V0194	Gold Seal with PTFE/Silicone
V0198	Silver Seal with PTFE/Silicone/PTFE
V0199	Blue Seal with PTFE/Silicone/PTFE
V0200	Green Seal with PTFE/Silicone/PTFE
V0201	Red Seal with PTFE/Silicone/PTFE
V0202	Gold Seal with PTFE/Silicone/PTFE
V0205	Silver Seal with Black Viton

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Versatile Crimp or Snap-Cap Option

Manufactured from superior Type I, 33-Expansion borosilicate glass, our specially designed Snap/Crimp Vial allows the use of a traditional Crimp Seal or the simpler Snap-Cap - your choice!

plus..... The unique recessed inner ring in the neck of the wide-mouth vial allows the use of our *No-Spring* low volume insert (V0089). The insert is precisely centered to ensure reliable use every time - without a spring. It also has a wide-mouth for easy removal/insertion of the sample.

Vials - 12 x 32mm Snap/Crimp Vials, 11mm, pk.1000

code	description
V0054	2ml Clear Glass Vial
V0055	2ml Amber Glass Vial
V0056	2ml Clear Glass Vial with Graduated Marking Spot
V0058	2ml Amber Glass Vial with Graduated Marking Spot

Low Volume Vials - 12 x 32mm Snap/Crimp Vials, 11mm

code	description
V1170	1.5ml Polypropylene Vial (pk.1000)
V0816	1.5ml Clear High Recovery Glass Vial (pk.100)
V0502	100µl Snap/Crimp Micro Vial (pk.12)

Low Volume Inserts - for 12 x 32mm Snap/Crimp Vials, pk.100

code	description
V0076	50µl Glass Insert with Bottom Spring
V0089	250µl Glass Insert with flange (<i>No-Spring</i>)
V0098	350µl Glass Flat Bottom Insert (pk.1000)
V0091	250µl Polypropylene Insert with Bottom Spring
V0092	250µl Polypropylene Insert with Flange

Snap-Caps - 11mm, pk.1000

code	description
V0733	Clear Cap with Moulded Starburst
V0207	Clear Cap with 0.010" PTFE
V0214	Clear Cap with PTFE/Rubber
V0221	Clear Cap with PTFE/Silicone
V0228	Clear Cap with PTFE/Silicone/PTFE
V0773	Clear Cap with PTFE/Silicone with Slit
V0774	Clear Cap with PTFE/Silicone with Starburst

Aluminium Crimp Seals - 11mm, pk.1000

code	description
V0167	Silver Seal with 0.010" PTFE
V0175	Silver Seal with 0.010" Polypropylene
V0177	Silver Seal with PTFE/Rubber
V0190	Silver Seal with PTFE/Silicone
V0198	Silver Seal with PTFE/Silicone/PTFE
V0205	Silver Seal with Black Viton

Also available in Blue, Green, Red or Yellow - call 01371 831611 for ordering information.

Free samples available

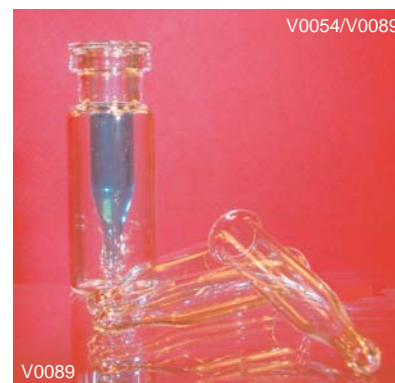
Simply call 01371 831611 or email sales@qmx.com and we will be pleased to send you free of charge, no-obligation samples for your evaluation.



Wide-mouth Vials

Allows easy removal/insertion of sample

V0089
Perfectly centered insert with no spring!



Snap-Caps
Sealed in a fraction of the time it takes to crimp!



For use with : A.I.M. CPS-100, 200, A.I. 42 Vial Tray, AMS, ASC Fisons 42 Vial Tray, AS105 Tray, AS800, Chrompack CP9000, CTC A105S, A200S, Delsi, Dynatech 42 Vial Tray, Finnegan A200S, Fisons 42 Vial Tray, GBC, Gerstel, Gilson 231 XL, 232 XL, 233 XL, Asted XL, Aspec XL, Gynkotec, Agilent Technologies (Hewlett Packard), Hitachi AS-2000, Jasco 851-AS, AS-950, Kontron 360, LDC Marathon, Promis, Perkin Elmer Autosystem GC, AI-1; Integral 4000, LC600 42 vial tray, ISS-100/200, 420/B, 4900, Pharmacia LKB 2157-010, Phillips LC-XP, 4247, 4710, Polymer Labs, SGE M280D, Shimadzu SIL-10A, 10Ai, 10AxL, Spark-Holland, Spectra-Physics, Thermo Sep., Tracor, Unicam LC-XP & 4710/4247, Varian 8100/8200, Marathon, 9100/9090/9095, Waters Alliance 2690.



Huge pipette target area
Eliminate air-locks and subsequent loss of sample

A New Generation of Versatile Vials

This revolutionary design makes sample preparation simple! The huge opening makes pipetting easy, eliminating air-locks and loss of sample, whilst the press-in Plugs save time and effort compared with traditional crimping.

The 12 x 32mm dimensions ensure compatibility with most instruments, including robotic-arm autosamplers.

Vials - 12 x 32mm Versa Vials, 12mm, pk.1000

code	description
V1100	2ml Clear Glass Vial
V1105	2ml Amber Glass Vial
V1107	2ml Clear Glass Vial with Marking Spot
V1109	2ml Amber Glass Vial with Marking Spot
V1106	1.5ml Polypropylene Vial

Low Volume Inserts - for 12 x 32mm Versa Vials, pk.100

code	description
V1165	250µl Glass Insert with Flange (No-Spring)
V1166	250µl Polypropylene Insert with Flange (No-Spring) (pk.1000)

Plugs - for Versa Vials, 12mm, pk.1000

code	description
V1113	Polyethylene Green Plug
V1112	Chlorobutyl Rubber Plug
V1110	PTFE/Silicone Plug
V1111	PTFE/Silicone Plug with Slit

Press-in Plugs
Save time & effort!



FREE samples available..... **Call 01371 831611** or **email sales@qmx.com**

9mm Screw-thread Vial replaces Crimp Vial for Robotic-arm Autosamplers

With a 40% larger opening, the Robotic Vial is specifically designed to work in robotic-arm autosamplers like Agilent Technologies (HP).

plus..... The unique recessed inner ring in the neck of the vial allows the use of our *No-Spring* Low Volume Insert (V0089). The insert is precisely centered to assure reliable use every time - without a spring.

Vials - 12 x 32mm Robotic Vials, 9mm, pk.1000

code	description
V0539	2ml Clear Glass Vial
V0540	2ml Amber Glass Vial
V0541	2ml Clear Glass Vial with Graduated Marking Spot
V0542	2ml Amber Glass Vial with Graduated Marking Spot

Low Volume Vials - 12 x 32mm Robotic Vials, 9mm, pk.1000

code	description
V1174	1.5ml Polypropylene Vial
V0034	1.5ml Clear High Recovery Glass Vial (pk.100)
V0811	100µl Polypropylene Vial
V1067	100µl TPX Vial

Low Volume Inserts - for 12 x 32mm Robotic Vials, pk.100

code	description
V0076	50µl Glass Insert with Bottom Spring
V0089	250µl Glass Insert with Flange (<i>No-Spring</i>)
V0098	350µl Glass Flat Bottom Insert (pk.,000)
V0091	250µl Polypropylene Insert with Bottom Spring

Pre-assembled Caps & Septa - 9mm, pk.1000

code	description
V0692	Black Cap, PTFE/Rubber
V0693	Blue Cap, PTFE/Rubber
V0694	Green Cap, PTFE/Rubber
V0695	Natural Cap, PTFE/Rubber
V0696	Red Cap, PTFE/Rubber
V0697	Yellow Cap, PTFE/Rubber
V0698	Black Cap, PTFE/Silicone
V0699	Blue Cap, PTFE/Silicone
V0700	Green Cap, PTFE/Silicone
V0701	Natural Cap, PTFE/Silicone
V0702	Red Cap, PTFE/Silicone
V0703	Yellow Cap, PTFE/Silicone
V1060	Black Cap, PTFE/Silicone with slit
V0704	Black Cap, PTFE/Silicone/PTFE
V0705	Blue Cap, PTFE/Silicone/PTFE
V0706	Green Cap, PTFE/Silicone/PTFE
V0707	Natural Cap, PTFE/Silicone/PTFE
V0708	Red Cap, PTFE/Silicone/PTFE
V0709	Yellow Cap, PTFE/Silicone/PTFE
V0723	Black Solid Cap, F217*/PTFE Lined

*F217 is an inert foam material providing an excellent seal.



Health & Safety Benefit
Easy removal of waste contents - eliminates hazardous decrimping

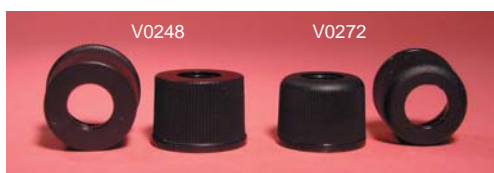
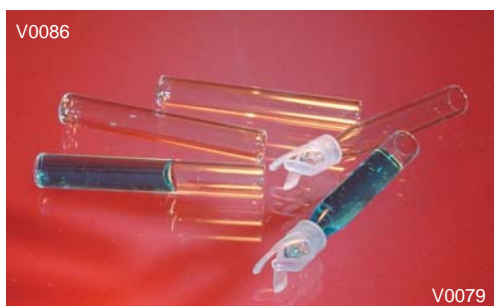


No-Spring Insert, V0089
Perfectly centered everytime



Pre-assembled Caps & Septa
Saves time & prevents contamination

For use with : Dynatech 42 Vial Tray, LC2000, Finnegan A200S, Gilson 231 XL, 232 XL, 233 XL, Aspec XL, **Agilent Technologies (Hewlett Packard)**, Leap Technologies CTC A200S, Perkin Elmer Autosystem, 42 vial tray, ISS-100/200, Shimadzu SIL-10A, 10Ai, 10AxL, Spark-Holland SPH 125, Marathon, Promis, Spectra-Physics 8875, 8880, Varian 8100/8200, Marathon, Waters Alliance 2690.



For use with : AIM, ASC, Beckman 501,502,507, Fisons AS800, 8000, Gilson 231-233/ASTED XL, Gynkotek Gina, Jasco, Kontron, Merck/Hitachi S6551, L-7200, L7250, Perkin Elmer Autosystem, 420/B, 4900, Pharmacia LKB 2157-010, Shimadzu, Spark-Holland, Spectra-Physics, Thermo Separations, Unicam 4700LC, LC-XP,4247, United Technologies, Varian, Waters Alliance 2690.

8mm Standard-mouth, Screw-thread Vials

The industry standard Screw-thread Vial allows the use of 8mm septa and caps.

Vials - 12 x 32mm Screw-thread Vials, 8mm, pk.1000

code	description
V0040	2ml Clear Glass Vial
V0041	2ml Amber Glass Vial
V0043	2ml Clear Glass Vial with Marking Spot
V0044	2ml Amber Glass Vial with Marking Spot

Low Volume Vials - 12 x 32mm Screw-thread Vials, 8mm, pk.1000

code	description
V1172	1.5ml Polypropylene Vial
V0001	100µl Solid Glass Vial (pk.12)
V0004	100µl Polypropylene Vial
V1066	100µl TPX Vial
V0002	100µl Glass Inner/Clear Plastic Outer Vial (pk.100)
V0003	100µl Glass Inner/Amber Plastic Outer Vial (pk.100)

Low Volume Inserts - for 12 x 32mm Screw-thread Vials, pk.100

code	description
V0075	50µl Glass with Bottom Spring
V0079	100µl Glass with Bottom Spring
V0086	250µl Glass Flat Bottom (pk.1000)
V0082	100µl Polypropylene with Bottom Spring

Caps - 8mm, pk.1000

code	description
V0272	Black, Polypropylene Open-Hole Cap (Straight Side)
V0248	Black, Polypropylene Open-Hole Cap (Flared Side)*
V0251	Red, Polypropylene Open-Hole Cap (Flared Side)
V0249	Blue, Polypropylene Open-Hole Cap (Flared Side)
V0250	Green, Polypropylene Open-Hole Cap (Flared Side)
V0253	Yellow, Polypropylene Open-Hole Cap (Flared Side)
V0305	Top Seal, Clear Polypropylene, Moulded Septa
V0309	Solid Cap, Black Polypropylene, F217/PTFE Lined

*Flared sided caps are normally used with Shimadzu, Jasco & Hitachi instruments

Septa - 8mm, pk.1000

code	description
V0329	White PTFE, 0.010"
V0333	White PTFE with Slit, 0.010"
V0338	PTFE/Rubber, 0.045"
V0358	Red PTFE/Silicone, 0.065"
V0359	Blue PTFE/Silicone, 0.065"
V0362	Red PTFE/Silicone, 0.075"
V0366	PTFE/Silicone, 0.100"
V0340	Red PTFE/Silicone/Red PTFE, 0.040"
V0344	Red PTFE/Silicone/Red PTFE with Slit 0.040"
V0334	Black Viton, 0.030"

Pre-assembled Kits - pk.100

code	description
V0413	Black Hole-Cap with Red PTFE/Silicone 0.065" Septa
V0380	Clear Vial, Black Hole-Cap, PTFE Septa 0.010"
V0414	Clear Vial, Black Hole-Cap, Red PTFE/Silicone 0.065" Septa
V0381	Amber Vial, Black Hole-Cap, PTFE Septa 0.010"
V0415	Amber Vial, Black Hole-Cap, Red PTFE/Silicone 0.065" Septa

10mm Wide-mouth, Screw-thread Vials

Our Wide-mouth Vials have been designed with a 30% wider opening to facilitate sample introduction by syringe or pipette, also preventing missed injections and bent autosampler needles.

plus..... The unique recessed inner ring in the neck of the vial allows the use of our *No-Spring* Low Volume Insert (V0089). The insert is precisely centered to assure reliable use every time - without a spring.

Vials - 12 x 32mm Screw-thread Vials, 10mm, pk.1000

code	description
V0045	2ml Clear Glass Vial
V0046	2ml Amber Glass Vial
V0561	2ml Clear Glass Vial with Graduated Marking Spot
V0562	2ml Amber Glass Vial with Graduated Marking Spot

Low Volume Vials - 12 x 32mm Screw-thread Vials, 10mm, pk.1000

code	description
V0013	500µl Polypropylene Vial
V0018	750µl Polypropylene Vial

Low Volume Inserts - for 12 x 32mm Screw-thread Vials, 10mm, pk.100

code	description
V0076	50µl Glass Insert with Bottom Spring
V0089	250µl Glass Insert with Flange (<i>No-Spring</i>)
V0092	250µl Polypropylene Insert with Flange
V0098	350µl Glass Flat Bottom Insert (pk.1000)

Caps - 10mm, pk.1000

code	description
V0254	Black, Polypropylene Open-Hole Cap
V0258	White, Polypropylene Open-Hole Cap
V0257	Red, Polypropylene Open-Hole Cap
V0255	Blue, Polypropylene Open-Hole Cap
V0256	Green, Polypropylene Open-Hole Cap
V0259	Yellow, Polypropylene Open-Hole Cap
V0306	Top Seal, Clear Polypropylene, Moulded Septa

Septa - 10mm, pk.1000

code	description
V0330	White PTFE, 0.010"
V0347	Red PTFE/Silicone, 0.060"
V0363	Red PTFE/Silicone, 0.075"
V0341	Red PTFE/Silicone/Red PTFE, 0.040"
V0335	Black Viton, 0.030"

Need samples to test?
Just ask, they're free!

We will be pleased to send you free of charge, no-obligation samples for your evaluation.

Call 01371 831611 or email sales@qmx.com



Wide-mouth Vials

Allows easy removal/insertion of sample



V0089
Perfectly centered insert with no spring!



Order on-line
www.qmx.com

For use with : ASC, Beckman 501,502,507, Leap CTC A200S, Shimadzu SIL-10A, 10Ai, 10AxL, Spark-Holland SPH 125, Marathon, Promis, Spectra-Physics 8875, 8880, Varian 8100/8200, Waters Alliance 2690.



V1517



V1518



V0816



V1501



V1502



V1504



V1503



V1519

Low Volume Vials, 12 x 32mm

In addition to our wide range of inserts and other low volume vials shown on the preceding pages, we are also able to offer a whole host of further alternatives to cater for every requirement. Available in either crimp or screw-thread finish.

Crimp Low Volume Vials - 12 x 32mm, 11mm, pk.1000

code	description
V1501	300µl Clear Glass Vial with Fixed Insert & Marking Spot
V1502	300µl Amber Glass Vial with Fixed Insert & Marking Spot
V1518	1.1ml Clear Glass Tapered Bottom Vial
V0816	1.5ml High Recovery Clear Glass Vial (pk.100)
V1517	2ml Clear Glass Round Bottom Vial with Marking Spot

Aluminium Crimp Seals - 11mm, pk.1000

code	description
V0167	Silver Seal with 0.010" PTFE
V0175	Silver Seal with 0.010" Polypropylene
V0177	Silver Seal with PTFE/Rubber
V0190	Silver Seal with PTFE/Silicone
V0198	Silver Seal with PTFE/Silicone/PTFE
V0205	Silver Seal with Black Viton

9mm Screw-thread Low Volume Vials - 12 x 32mm, pk.1000

code	description
V1503	300µl Clear Glass Vial with Fixed Insert & Marking Spot
V1504	300µl Amber Glass Vial with Fixed Insert & MarkingSpot

9mm Pre-assembled Caps & Septa - pk.1000

code	description
V0692	Black Cap, PTFE/Rubber
V0698	Black Cap, PTFE/Silicone

8mm Screw-thread Low Volume Vials - 12 x 32mm, pk.1000

code	description
V1519	1.1ml Clear Glass Tapered Bottom Vial

8mm Pre-assembled Caps & Septa - pk.100

code	description
V0413	Black Hole-Cap with Red PTFE/Silicone 0.065"

Need syringe filters?
see page 24.

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Versatile Crimp or Snap-Cap Option

Our specially designed Snap/Crimp Vial allows the use of a traditional Crimp Seal or the simpler Snap-Cap - your choice!

plus..... The unique recessed inner ring in the neck of the vial allows the use of our *No-Spring* Low Volume Insert (V0099). The Insert is precisely centered to assure reliable use every time - without a spring. The Insert's wide-mouth also allows easier filling.

Vials - 15 x 45mm Snap/Crimp Vials, 13mm, pk.1000

code	description
V0069	4ml Clear Glass Vial
V0070	4ml Amber Glass Vial
V0820	4ml Clear Glass Vial with Graduated Marking Spot
V0821	4ml Amber Glass Vial with Graduated Marking Spot

Low Volume Vials - 15 x 45mm Snap/Crimp Vials, 13mm, pk.1000

code	description
V0011	300µl Glass Insert/Plastic Vial (pk.100)
V0062	2.5ml Polypropylene Vial

Low Volume Inserts - for 15 x 45mm Snap/Crimp Vials, pk.100

code	description
V0099	350µl Glass with Flange (No-Spring)
V0106	500µl Glass Flat Bottom (pk.1000)
V0102	300µl Polypropylene, No-Spring
V0103	300µl Polypropylene, with Bottom Spring

Snap-Caps - for 15 x 45mm Snap/Crimp Vials, pk.1000

code	description
V0213	Clear Cap with 0.010" PTFE
V0220	Clear Cap with PTFE/Rubber
V0227	Clear Cap, PTFE/Silicone
V0234	Clear Cap with PTFE/Silicone/PTFE
V0244	Clear Cap, PTFE/Silicone with Starburst
V0242	Clear Cap, PTFE/Silicone/PTFE with Starburst

Also available in Blue, Green, Red or Yellow - call 01371 831611 for ordering information.

Aluminium Crimp Seals - 13mm, pk.1000

code	description
V0172	Silver Seal with 0.010" PTFE
V0182	Silver Seal with PTFE/Rubber
V0195	Silver Seal with PTFE/Silicone
V0203	Silver Seal with PTFE/Silicone/PTFE

Need help?

Call 01371 831611 or email sales@qmx.com

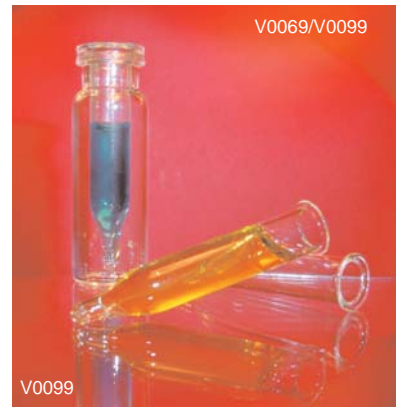
- we will be pleased to serve you.



V0069



V0070



V0069/V0099

V0099

V0099
Perfectly centered insert with no spring!



Snap-Caps



Crimp Seals

For use with : Waters 48 Position Instruments



V0099
Perfectly centered insert with no spring!



WISP-Style Vial

The industry standard Screw-thread Vial allows the use of 13mm septa and caps.

The unique recessed inner ring in the neck of the vial allows the use of our *No-Spring* Low Volume Insert (V0099). The Insert is precisely centered to ensure reliable use every time, without a spring. The Insert's wide-mouth also allows easier filling.

Vials - 15 x 45mm Screw-thread Vials, 13mm, pk.1000

code	description
V0067	4ml Clear Glass Vial
V0068	4ml Amber Glass Vial
V0618	4ml Clear Glass Vial with Graduated Marking Spot
V0619	4ml Amber Glass Vial with Graduated Marking Spot

Low Volume Vials - 15 x 45mm Screw-thread Vials, 13mm, pk.1000

code	description
V0012	300µl Glass Insert/Plastic Vial (pk. 100)
V0061	2.5ml Polypropylene Vial

Low Volume Inserts - for 15 x 45mm Screw-thread Vials, pk.100

code	description
V0099	350µl Glass with Flange (<i>No-Spring</i>)
V0106	500µl Glass Flat Bottom (pk.1000)
V0102	300µl Polypropylene, <i>No-Spring</i>
V0103	300µl Polypropylene, with Bottom Spring

Caps - 13mm for 15 x 45mm Screw-thread Vials, pk.1000

code	description
V0260	Black, Polypropylene Open-Hole
V0263	Red, Polypropylene Open-Hole
V0261	Blue, Polypropylene Open-Hole
V0262	Green, Polypropylene Open-Hole
V0265	Yellow, Polypropylene Open-Hole
V0311	Solid Top, Black PP, F217*/PTFE Lined
V0307	Top Seal, Clear Polypropylene

*F217 is an inert foam material providing an excellent seal.

Septa - 13mm, pk.1000

code	description
V0331	White PTFE, 0.010"
V0357	Red PTFE/Silicone with Slit, 0.060"
V0348	Red PTFE/Silicone, 0.060"
V0364	Red PTFE/Silicone, 0.075"
V0342	Red PTFE/Silicone/Red PTFE, 0.040"
V0336	Black Viton, 0.030"

Pre-assembled Kits, pk.100

code	description
V0421	Black Hole-Cap with PTFE/Silicone Septa
V0382	Clear Vial, Black Hole-Cap, PTFE Septa 0.010"
V0383	Amber Vial, Black Hole-Cap, PTFE Septa 0.010"
V0390	Clear Vial with 350µl Glass Insert with Flange
V0391	Amber Vial with 350µl Glass Insert with Flange

For use with : Waters 48 Position Instruments

Multi-purpose Shell Vials

Shell Vials are used not only for chromatography but also for other applications using the 96 and 48-well footprints such as combinatorial chemistry & high-throughput screening.

1ml Shell Vials - 8 x 40mm Shell Vials, pk.1000

code	description
V0111	1ml Clear Glass Vial
V0112	1ml Amber Glass Vial
V0115	1ml Polypropylene Vial
V0116	700µl Polypropylene Low Volume Vial

Snap Plugs, Polyethylene - for 8 x 40mm Shell Vials, pk.1000

code	description
V0326	Snap Plug with Starburst, 8mm
V0320	Snap Plug with Starburst, Silicone Lined, 8mm

2ml Shell Vials - 12 x 40mm Shell Vials, pk.1000

code	description
V0107	2ml Clear Glass Vial
V0108	2ml Amber Glass Vial
V0113	2ml Polypropylene Vial

Snap Plugs, Polyethylene - for 12 x 40mm Shell Vials, pk.1000

code	description
V0327	Snap Plug with Starburst, 12mm
V1113	Polyethylene Green Plug, 12mm

See page 4 for additional plugs that fit the 2ml Shell Vials

4ml Shell Vials - 15 x 45mm Shell Vials, pk.1000

code	description
V0109	4ml Clear Glass Vial
V0110	4ml Amber Glass Vial
V0114	4ml Polypropylene Vial
V0117	3ml Polypropylene Low Volume Vial

Snap Plugs, Polyethylene - for 15 x 45mm Shell Vials, pk.1000

code	description
V0328	Snap Plug with Starburst, 15mm

Order on-line
www.qmx.com



V0111



V0116



Snap Plugs

Need Syringe Filters?
- see page 24



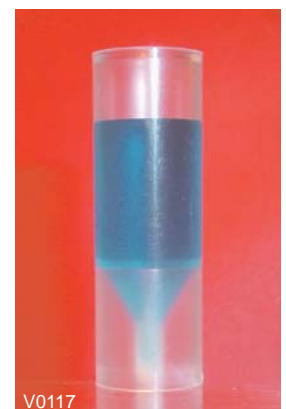
V0107



V0113

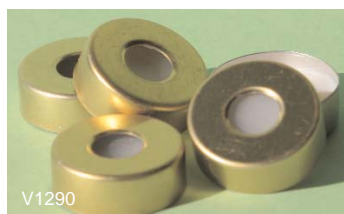


V0110



V0117

6ml, 10ml, 20ml, 27ml Headspace Vials



Borosilicate Type I Glass Vials

Headspace Vials are available with either a flat or rounded bottom for different instruments (see below for compatibility). Pressure Release and Magnetic Crimp Seals are available.

For use in Agilent Technologies (HP), Carlo Erba and Shimadzu:

Vials, Flat Bottom - Crimp Vials, use 20mm Seals, pk.1000

code	description	
V0071	6ml Clear Glass Vial	22 x 38mm
V0027	10ml Clear Glass Vial	23 x 46mm
V0037	20ml Clear Glass Vial	23 x 75mm
V0063	27ml Clear Glass Vial	30 x 60mm

For use in PerkinElmer, Tekmar, LEAP Technologies and Varian:

Vials, Round Bottom - Crimp Vials, use 20mm Seals, pk.1000

code	description	
V0028	10ml Clear Glass Vial	23 x 46mm
V0038	20ml Clear Glass Vial	23 x 75mm

Aluminium Crimp Seals - 20mm, for Headspace Vials, pk.1000

code	description	
V0173	Silver Seal with 0.010" PTFE	
V0183	Silver Seal with PTFE/Grey Butyl Rubber	
V0196	Silver Seal with PTFE/Silicone	

Pressure Release:

V0184	Silver Seal with PTFE/Grey Butyl Rubber Moulded (pk.100)
V0185	Silver Seal with PTFE/Rubber (pk.100)
V0186	Silver Seal with PTFE/Silicone (pk.100)

Tin Plate - Magnetic:

V0187	Gold with PTFE/Grey Butyl Rubber, 5mm Hole (pk.100)
V0188	Gold with PTFE/Silicone, 5mm Hole (pk.100)
V1290	Gold with PTFE/Silicone, 8mm Hole (pk.100)

6ml, 22 x 38mm (V0071)

For use with : Carlo-Erba/Fisons HS500, HS800, Agilent Technologies (HP), Perkin Elmer ISS 200

10ml, 23 x 46mm Flat Bottom (V0027)

For use with : AI Headspace, Carlo-Erba/Fisons HS500, HS800, Dani HSS 39.50, HSS 86.50, Agilent Technologies (HP)

10ml, 23 x 46mm Rounded Bottom (V0028)

For use with : AI Headspace, CTC, DaniHSS 39.50, HSS 86.50, PerkinElmer Autosystem, F40, F45, HS 6, Integral 4000, Tekmar, Varian Genesis

20ml, 23 x 75mm Flat Bottom (V0037)

For use with : AI Headspace, Carlo-Erba/Fisons HS500, HS800, Dani HSS 39.50, HSS 86.50, Agilent Technologies (HP)

20ml, 23 x 75mm Rounded Bottom (V0038)

For use with : AI Headspace, CTC, DaniHSS 39.50, HSS 86.50, Perkin Elmer Autosystem, F40, F45, HS 6, Integral 4000, Tekmar, Varian Genesis

27ml, 30 x 60mm (V0063)

For use with : Shimadzu HSS-2B

Ever forget to order?

Take the hassle out of ordering by arranging a standing order. Place one order for the year and we will deliver each month the quantity you require, leaving you to concentrate on more important work.

Call 01371 831611 or email sales@qmx.com

EPA/VOA Vials

Certified, Pre-Cleaned & Standard

For use in purge & trap autosamplers, for sampling or storage.
All Vials are pre-assembled, ready for use.

Certified & Pre-Cleaned Vials have been pre-cleaned according to US EPA Protocol B and then quality assured with analysis by an independent laboratory. A certificate is included with each box.

Pre-Cleaned Vials have been cleaned according to US EPA Protocol B.

Standard Vials are not specially cleaned.

Pre-cleaned and Standard Vials are available with either the traditional flat septa or the patented "Top-Hat" septa which stops septa falling out of the cap.



Certified & Pre-Cleaned Vials, Caps & Septa, *pk.72*

code *description*

with Top-Hat 0.125" PTFE/Silicone Septa

SV0092	40ml Clear Glass Vial, Hole-Cap & Septa
SV0066	40ml Amber Glass Vial, Hole-Cap & Septa
SV0042	20ml Clear Glass Vial, Hole-Cap & Septa
SV0022	20ml Amber Glass Vial, Hole-Cap & Septa

with Flat 0.125" PTFE/Silicone Septa

SV0110	60ml Clear Glass Vial, Hole-Cap & Septa (<i>pk.144</i>)
SV0103	60ml Amber Glass Vial, Hole-Cap & Septa (<i>pk.144</i>)
SV0080	40ml Clear Glass Vial, Hole-Cap & Septa
SV0069	40ml Amber Glass Vial, Hole-Cap & Septa
SV0037	20ml Clear Glass Vial, Hole-Cap & Septa
SV0036	20ml Amber Glass Vial, Hole-Cap & Septa

with PTFE Liner/Solid Polypropylene Cap

SV0077	40ml Clear Glass Vial, Solid Cap & Liner
SV0057	40ml Amber Glass Vial, Solid Cap & Liner
SV0028	20ml Clear Glass Vial, Solid Cap & Liner
SV0014	20ml Amber Glass Vial, Solid Cap & Liner

Vial measurements:

- 60ml Vial 28 x 140mm
- 40ml Vial 28 x 95mm
- 30ml Vial 28 x 70mm
- 20ml Vial 28 x 56mm

Individual components are listed on page 15



Pre-Cleaned Vials are washed to US EPA Protocol B:

1. Wash bottles, liners and caps in laboratory grade biodegradable, non-phosphate detergent.
2. Rinse three times with tap water.
3. Rinse three times with ASTM Type I deionised water.
4. Oven dry.
5. Assemble in an organic-free environment.

Need something different?

We can produce almost any combination of vial, cap & septa - certified, pre-cleaned or standard!
We can also provide these products shrink-wrapped.

Bulk Quantities?
Standing Order?
Call 01371 831611
or email sales@qmx.com



EPA/VOA Vials (continued)

Pre-Cleaned Vials, Caps & Septa, *pk.72*

code description

with Top-Hat 0.125" PTFE/Silicone Septa

SV0090 40ml Clear Glass Vial, Hole-Cap & Septa
 SV0065 40ml Amber Glass Vial, Hole-Cap & Septa
 SV0045 30ml Clear Glass Vial, Hole-Cap & Septa
 SV0040 20ml Clear Glass Vial, Hole-Cap & Septa
 SV0020 20ml Amber Glass Vial, Hole-Cap & Septa

with Flat 0.125" PTFE/Silicone Septa

SV0120 60ml Clear Glass Vial, Hole-Cap & Septa (*pk.144*)
 SV0079 40ml Clear Glass Vial, Hole-Cap & Septa
 SV0068 40ml Amber Glass Vial, Hole-Cap & Septa
 SV0048 30ml Clear Glass Vial, Hole-Cap & Septa
 SV0034 20ml Clear Glass Vial, Hole-Cap & Septa
 SV0032 20ml Amber Glass Vial, Hole-Cap & Septa

with PTFE Liner/Solid Polypropylene Cap

SV0075 40ml Clear Glass Vial, Solid Cap & Liner
 SV0055 40ml Amber Glass Vial, Solid Cap & Liner
 SV0030 20ml Clear Glass Vial, Solid Cap & Liner
 SV0010 20ml Amber Glass Vial, Solid Cap & Liner

Standard Vials, Caps & Septa, *pk.72*

code description

with Top-Hat 0.125" PTFE/Silicone Septa

SV0085 40ml Clear Glass Vial, Hole-Cap & Septa
 SV0060 40ml Amber Glass Vial, Hole-Cap & Septa
 SV0035 20ml Clear Glass Vial, Hole-Cap & Septa
 SV0015 20ml Amber Glass Vial, Hole-Cap & Septa

with Flat 0.125" PTFE/Silicone Septa

SV0105 60ml Clear Glass Vial, Hole-Cap & Septa (*pk.144*)
 SV0078 40ml Clear Glass Vial, Hole-Cap & Septa
 SV0067 40ml Amber Glass Vial, Hole-Cap & Septa
 SV0046 30ml Clear Glass Vial, Hole-Cap & Septa
 SV0033 20ml Clear Glass Vial, Hole-Cap & Septa
 SV0031 20ml Amber Glass Vial, Hole-Cap & Septa

with PTFE Liner/Solid Polypropylene Cap

SV0070 40ml Clear Glass Vial, Solid Cap & Liner
 SV0050 40ml Amber Glass Vial, Solid Cap & Liner
 SV0025 20ml Clear Glass Vial, Solid Cap & Liner
 SV0001 20ml Amber Glass Vial, Solid Cap & Liner

Need something different?

We can also offer shrink-wrapped vials without card dividers for cleanroom applications and will willingly consider any other variation you may require.

Call 01371 831611 or email sales@qmx.com

EPA/VOA Vials - Individual Components

In addition to the components of our pre-assembled vials, we also offer our Green Solid Cap with a PTFE/F217 liner. This cap has proved very popular with many laboratories because of its excellent sealing characteristic, due to the compression of the inert foam material, F217.

Vials - Screw-thread Vials, 24mm, pk.144

code	description
SV0023	20ml Clear Glass Vial (pk.100) 28 x 56mm
V0065	40ml Clear Glass Vial 28 x 95mm
V0066	40ml Amber Glass Vial 28 x 95mm

Hole-Caps - 24mm for Screw-thread Vials, pk.1000

code	description
V0270	Black Polypropylene Hole-Cap
V0271	White Polypropylene Hole-Cap

Solid Caps - 24mm for Screw-thread Vials, pk.1000

code	description
V2051	Green Thermoset Cap with PTFE/F217 Liner (pk.100)
V0279	Black Polypropylene Solid Cap, unlined
V0679	White Polypropylene Solid Cap, unlined

Septa - 22mm for 24mm Cap, pk.1000

code	description
V0369	22mm x 0.125" PTFE/Silicone
V0368	22mm x 0.100" PTFE/Silicone

Also available in other thicknesses and with cross-cut. See page 18.



V0066



V0065



V2051

Highly recommended for storage applications!



V0271



V0369

20ml Scintillation Vials

Scintillation Vials

Type I, low background count, low expansion glass with screw neck for 20mm cap.

Scintillation Vials - pre-assembled, pk.500

code	description
V2000	20ml Clear Vial with foil lined cap fitted



Dram-Style Vials



Dram/Trident-Style Vials

Available in a variety of formats, these vials are useful for a wide range of applications.

Dram-Style Vials with PTFE Lined Solid Cap, *pk.200*

code	description	
V0436	0.5 dram (1.75ml) Clear Vial w/Cap	12 x 35mm (<i>pk.100</i>)
V0442	1 dram (3.5ml) Clear Vial w/Cap	15 x 45mm (<i>pk.100</i>)
V0445	2 dram (7ml) Clear Vial w/Cap	17 x 60mm
V0428	3 dram (10.5ml) Clear Vial w/Cap	19 x 65mm
V0429	3 dram (10.5ml) Amber Vial w/Cap	19 x 65mm
V0439	6 dram (21ml) Clear Vial w/Cap	23 x 85mm

Dram-Style Vials with PTFE/Sil Septa & Hole-Cap, *pk.200*

code	description	
V0437	0.5 dram (1.75ml) Clear Vial w/Cap	12 x 35mm (<i>pk.100</i>)
V0443	1 dram (3.5ml) Clear Vial w/Cap	15 x 45mm (<i>pk.100</i>)
V0446	2 dram (7ml) Clear Vial w/Cap	17 x 60mm
V0430	3 dram (10.5ml) Clear Vial w/Cap	19 x 65mm
V0431	3 dram (10.5ml) Amber Vial w/Cap	19 x 65mm
V0434	4 dram (14ml) Clear Vial w/Cap	21 x 70mm
V0440	6 dram (21ml) Clear Vial w/Cap	23 x 85mm

Squat Trident-Style Vials with Foil Lined Cap

code	description	
V2005	2 dram (7ml) Clear Vial w/Cap	20 x 43mm (<i>pk.264</i>)
V2006	4 dram (14ml) Clear Vial w/Cap	23 x 58mm (<i>pk.190</i>)
V2007	8 dram (28ml) Clear Vial w/Cap	27 x 72mm (<i>pk.140</i>)

Tall Trident-Style Vials with Foil Lined Cap

code	description	
V2008	0.5 dram (1.75ml) Clear Vial w/Cap	11 x 36mm (<i>pk.882</i>)
V2009	1 dram (3.5ml) Clear Vial w/Cap	12 x 46mm (<i>pk.627</i>)
V2010	2 dram (7ml) Clear Vial w/Cap	17 x 58mm (<i>pk.399</i>)
V2011	3 dram (10.5ml) Clear Vial w/Cap	17 x 67mm (<i>pk.399</i>)
V2012	4 dram (14ml) Clear Vial w/Cap	20 x 72mm (<i>pk.264</i>)
V2013	6 dram (21ml) Clear Vial w/Cap	20 x 86mm (<i>pk.231</i>)
V2014	8 dram (28ml) Clear Vial w/Cap	23 x 96mm (<i>pk.180</i>)

Compound Vials

Borosilicate glass vials with a low profile for greater stability and wide-mouth for easy access. Ideal for storage of small quantities of compounds such as reference standards. All vials are supplied with an inert PTFE/F217 lined solid screwcap. The inert foam material of F217 compresses to give an excellent seal.

Compound Vials - with PTFE/F217 lined 13mm Solid Cap *pk.144*

code	description	
V2053	1/4 Dram Clear Vial & Cap	14.65 x 19mm
V2055	1/3 Dram Clear Vial & Cap	14.65 x 22mm
V2056	1/3 Dram Amber Vial & Cap	14.65 x 22mm
V2057	1/2 Dram Clear Vial & Cap	14.65 x 26mm
V2058	1/2 Dram Amber Vial & Cap	14.65 x 26mm

Trident-Style Vials



Order on-line
www.qmx.com

Compound Vials



Serum Vials

Type I borosilicate tubular and moulded glass vials. Suitable for diagnostic, pharmaceutical and healthcare applications.

Serum Vials (Moulded Glass) - use 20mm Seal

code	description	
V2047	50ml Clear Glass Serum Vial	43 x 73mm (pk.130)
V2048	100ml Clear Glass Serum Vial	52 x 94mm (pk.88)

Aluminium Crimp Seals - 20mm, pk.1000

code	description	
V0173	Silver Seal with 0.010" PTFE	
V0183	Silver Seal with PTFE/Grey Butyl Rubber	
V0196	Silver Seal with PTFE/Silicone	

Snap-Top Vials

Type I borosilicate glass vial with a "flip-off" type flexible low density polyethylene cap. Ideal for the storage of powders and dry samples.

Snap-Top Vials and Caps

code	description	
V2015	7ml Clear Vial, Cap Required	23 x 35mm (pk.190)
V2016	10ml Clear Vial, Cap Required	23 x 47mm (pk.190)
V2017	15ml Clear Vial, Cap Required	25 x 48mm (pk.162)
V2018	20ml Clear Vial, Cap Required	25 x 66mm (pk.162)
V2019	30ml Clear Vial, Cap Required	27 x 73mm (pk.140)
V2020	22mm Opaque Polyethylene Cap (pk.1000)	

Universal & Bijou Vials

Tubular glass vials with a choice of caps for media, sample collection and diagnostic applications. Fully autoclavable.

Universal Glass Vials 30ml - 24mm Screw-thread, pk.500

code	description	
V2023	Universal Vial with Polypropylene Cap	
V2024	Universal Vial with Aluminium Cap & Rubber Liner	

Bijou Glass Vials 7ml - 18mm Screw-thread, pk.1715

code	description	
V2300	Bijou Vial with Polypropylene Cap	
V2302	Bijou Vial with Aluminium Cap & Rubber Liner	

Culture Tubes

Type I borosilicate glass culture tubes with polypropylene screw-caps. Fully autoclavable.

Culture Tubes and Caps - Round-bottom with 15mm thread, pk.1000

code	description	
V2031	16 x 100mm Tube	
V2032	16 x 125mm Tube	
V2033	16 x 150mm Tube	
V2037	15mm Polypropylene cap, no liner	

Serum Vials (Moulded)



Crimp Seals



Snap-Top Vials



Universal Vials



Bijou Vials



Culture Tubes





Custom Made
Septa available

Pre-scored?
Cross-cut?

Please call:
01371 831611

Septa

If you require a septa that is not listed below please contact us, we will do our utmost to help.

Septa, pk.1000

code	description	for cap size, mm
V0329	0.010" White PTFE	8
V0333	0.010" White PTFE with Slit	8
V0334	0.030" Black Viton	8
V0337	0.035" Red PTFE/Silicone with Slit	8
V0340	0.040" Red PTFE/Silicone/Red PTFE	8
V0344	0.040" Red PTFE/SIL/Red PTFE with Slit	8
V0338	0.045" PTFE/Red Rubber	8
V0345	0.045" Red PTFE/Silicone	8
V0786	0.060" Red PTFE/Silicone with Slit	8
V0359	0.065" Blue PTFE/Silicone	8
V0358	0.065" Red PTFE/Silicone	8
V0360	0.065" Tan PTFE/Silicone	8
V0362	0.075" Red PTFE/Silicone	8
V0366	0.100" PTFE/Silicone	8
V0783	0.040" PTFE/Red Rubber	9
V0784	0.040" PTFE/Silicone	9
V0343	0.040" Red PTFE/Silicone with Slit	9
V0785	0.040" Red PTFE/Silicone/Red PTFE	9
V0330	0.010" White PTFE	10
V0335	0.030" Black Viton	10
V0341	0.040" Red PTFE/Silicone/Red PTFE	10
V0347	0.060" Red PTFE/Silicone	10
V0356	0.060" Red PTFE/Silicone with Slit	10
V0363	0.075" Red PTFE/Silicone	10
V0331	0.010" White PTFE	13
V0336	0.030" Black Viton	13
V0342	0.040" Red PTFE/Silicone/Red PTFE	13
V0351	0.060" Grey PTFE/Silicone	13
V0346	0.060" PTFE/Red Rubber	13
V0348	0.060" Red PTFE/Silicone	13
V0357	0.060" Red PTFE/Silicone with Slit	13
V0364	0.075" Red PTFE/Silicone	13
V0787	0.075" Tan PTFE/Silicone	13
V0352	0.060" Grey PTFE/Silicone	15
V2216	0.060" Tan PTFE/Silicone	15.5*
V2213	0.060" PTFE/Silicone	18*
V0353	0.060" Grey PTFE/Silicone	18
V0332	0.010" White PTFE	20
V2217	0.010" PTFE with cross-cut score	20*
V0354	0.060" Grey PTFE/Silicone	20
V0365	0.100" PTFE/Grey Butyl Rubber	20
V0367	0.100" PTFE/Silicone	20
V2210	0.125" PTFE/Silicone	20*
V2215	0.060" Tan PTFE/SIL with 14mm cross-cut	22*
V2214	0.125" Tan PTFE/SIL Pre-scored Cross	22*
V0368	0.100" PTFE/Silicone	24
V0369	0.125" PTFE/Silicone	24
V2211	0.118" PTFE/Silicone	24.5*
V2212	0.118" PTFE/Silicone	29*

* Actual Septa Size.

All other septa are to fit a cap size and will be slightly smaller in diameter.

Screw-Caps

All caps are polypropylene unless otherwise noted. Should you not find the cap you require, please contact us as we are able to supply many additional products.

Screw-Caps, pk.1000

code	description	cap size, mm
V0248	Hole Cap, Black	8
V0273	Solid Cap, Black Unlined	8
V0309	Solid Cap, Black F217/PTFE Lined	8
V0305	Top Seal Cap, moulded 0.01" Septa	8
V0667	Hole Cap, Black	9
V0723	Solid Cap, Black F217/PTFE Lined	9
V0254	Hole Cap, Black	10
V0274	Solid Cap, Black Unlined	10
V0681	Starburst Top Seal Cap, moulded 0.010"	10
V0306	Top Seal Cap, moulded 0.010" Septa	10
V0260	Hole Cap, Black	13
V0275	Solid Cap, Black Unlined	13
V0311	Solid Cap, Black F217/PTFE Lined	13
V0307	Top Seal Cap, moulded 0.010" Septa	13
V0266	Hole Cap, Black	15
V0276	Solid Cap, Black Unlined	15
V0312	Solid Cap, Black F217/PTFE Lined	15
V0268	Hole Cap, Black	18
V0277	Solid Cap, Black Unlined	18
V0269	Hole Cap, Black	20
V0278	Solid Cap, Black Unlined	20
V0656	Hole Cap, Black	22
V0270	Hole Cap, Black	24
V0271	Hole Cap, White	24
V0308	Hole Cap, Black, Glass Filled Polypropylene	24
V2051	Solid Cap, Green Thermoset, F217/PTFE Lined	24
V0279	Solid Cap, Black Unlined	24
V2350	Solid Cap, White, PTFE Lined	24
V2352	Solid Cap, White, PTFE Lined	28
V2354	Solid Cap, White, PTFE Lined	33
V2356	Solid Cap, White, PTFE Lined	38
V2358	Solid Cap, White, PTFE Lined	48
V2360	Solid Cap, White, PTFE Lined	58

F217 is an inert foam material providing excellent compression characteristics.

For additional colours
 Call 01371 831611 or email sales@qmx.com



Hole-Caps



Top Seal Caps

Top Seal Caps have an integral moulded septa!



Solid Caps



V2051

Choose **V2051** solid caps with F217/PTFE liner for both inertness and an excellent seal!



V0452



V0456



V3100



V2120



S01600

Tools for Crimp Vials

Crimpers

code	description
V0451	8mm Hand Operated Crimper
V0452	11mm Hand Operated Crimper
V0453	13mm Hand Operated Crimper
V0454	20mm Hand Operated Crimper

Decappers (plier-like)

code	description
V0455	8mm Decapper
V0456	11mm Decapper
V0457	13mm Decapper
V0458	20mm Decapper

Decappers (crimper-like)

code	description
V0459	8mm Crimper-type Decapper
V0460	11mm Crimper-type Decapper
V0461	13mm Crimper-type Decapper
V0462	20mm Crimper-type Decapper

Storage Box for 2ml Vials

Translucent polypropylene box with see through lid. Stacking impressions on the lid and base allow convenient multiple use. Sides of the box and lid have a "frosted" finish for easy marking. Suitable for low temperature storage to -80/90°C.

Storage Box, pk.5

code	description
V3100	2ml Vial 50 Position Storage Box

Racks for 2ml - 40ml Vials

Classic polypropylene rigid rack for easy sample management.

Racks - Rigid Polypropylene, pk.5

code	description
V2120	2ml Vial Rack 12mm diameter - 50 position
V2121	4ml Vial Rack 15mm diameter - 48 position
V2122	7ml Vial Rack 17mm diameter - 90 position
V2123	14ml Vial Rack 21mm diameter - 36 position
V2124	20 & 40ml Vial Rack 28mm diameter - 50 position

Lab Marker Pen II

The ultimate glass vial marker, with ink that is permanent! Resists a wide range of solvents, including ethanol, xylene & formalin.

Lab Marker Pen II pk.10

code	description
S01600	Black Marker II

ICP Autosampler Vials & Racks

Polypropylene vials and racks used in popular autosamplers for ICP.

Vials - Polypropylene

code	description		pk.
130-012-001	6ml Sample Vial	13 x 100mm	1000
130-012-006	12ml Sample Vial	16 x 100mm	2000
130-010-015	15ml Sample Tube	16.6 x 120mm	1000
130-012-007	15ml Sample Vial	17 x 100mm	1000
SP5178G	20ml Sample Vial	21.5 x 100mm	500
SP5178H	30ml Sample Vial	25 x 95mm	100
130-010-051	50ml Sample Vial, w/cap	29 x 118mm	500

Plugs - pk.1000

code	description
130-012-027	Polyethylene Plug for 130-012-001
130-010-115	Polyethylene Plug for 130-010-015
130-012-016	Polypropylene Plug for 130-012-006
130-012-017	Polyethylene Plug for 130-012-007

Racks - Polypropylene, each

code	description
450055	Sample Rack, 90 Position, 6ml Vials
450056	Sample Rack, 60 Position, 14ml Vials
450057	Sample Rack, 40 Position, 20ml Vials
450058	Sample Rack, 24 Position, 30ml Vials
450059	Sample Rack, 21 Position, 50ml Vials

DigiTUBE - 50ml

DigiTUBEs are manufactured from specially selected polypropylene that has ultra-low leachable trace metal content. Leak-free screw-cap manufactured from contaminant-free polyethylene.

- Sampling Container
- Volumetric Flask
- Autosampler Tube
- Digestion Tube
- Storage Container

DigiTUBEs - 50ml, polypropylene, pk.750

code	description	
010-500-261	DigiTUBE, with Cap	115 x 30mm

Storage Racks - for DigiTUBEs, pk.5

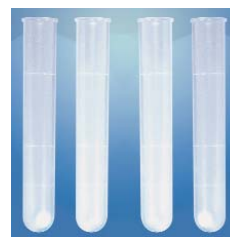
code	description
010-500-026	Storage Racks

Sample Tubes - 50ml

These polypropylene tubes have a conical bottom with self-standing base and are graduated from 10ml to 50ml in 5ml increments. They are supplied with a leakproof cap.

Sample Tubes - 50ml, polypropylene, pk.500

code	description	
V3200	Sample Tubes, with Cap	115 x 30mm



130-012-006



130-012-001



130-012-007



130-010-015



SP5178G



SP5178H



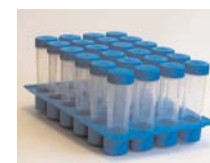
130-010-051



450056

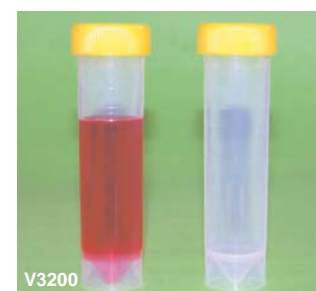


010-500-261



010-500-026

Designed for Metal Analyses



V3200



Wide-mouth Glass Jars

PTFE-lined Caps

- reduce the risk of contamination



Winchester Bottles

Acid-washed Bottles also available



Septum Bottles



Glass Sampling Jars

Wide-mouth Glass Jars - with PTFE-lined Caps

Pre-cleaned Jars are cleaned according to US EPA Protocol B. All jars are pre-assembled with 0.015" PTFE-lined solid polypropylene caps, ready for use.

Pre-cleaned Jars & PTFE-lined Solid Caps - pk.24

code	description
S00028	60ml Clear Wide-mouth Jar with Cap
S00026	125ml Clear Wide-mouth Jar with Cap
S00024	250ml Clear Wide-mouth Jar with Cap

Winchester Sampling Bottles - PTFE-lined Caps

Amber glass, narrow-mouth with PTFE-lined solid screw-cap. Pack sizes vary - please enquire.

Winchester Sampling Bottles

code	description
S00050	100ml Amber Winchester Bottle with Cap
S00052	150ml Amber Winchester Bottle with Cap
S00054	300ml Amber Winchester Bottle with Cap
S00056	500ml Amber Winchester Bottle with Cap
S00058	1000ml Amber Winchester Bottle with Cap

Septum Sampling Bottles

Amber glass, narrow-mouth with PTFE/Silicone septa in a hole-cap. Pack sizes vary - please enquire.

Septum Sampling Bottles - with PTFE/Silicone Septa & Hole-Cap

code	description
S00070	100ml Amber Septum Bottle w/Septa & Hole-Cap
S00072	150ml Amber Septum Bottle w/Septa & Hole-Cap
S00074	300ml Amber Septum Bottle w/Septa & Hole-Cap

Glass Sampling Jars - with PTFE-lined Caps

Clear or amber glass with PTFE-lined polypropylene cap for inertness. Pack sizes vary - please enquire.

Sampling Jars & PTFE-lined Solid Caps

code	description
S00100	60ml Clear Sampling Jar with Cap
S00102	125ml Clear Sampling Jar with Cap
S00104	250ml Clear Sampling Jar with Cap
S00106	500ml Clear Sampling Jar with Cap
S00108	60ml Amber Sampling Jar with Cap
S00110	125ml Amber Sampling Jar with Cap
S00112	250ml Amber Sampling Jar with Cap
S00114	500ml Amber Sampling Jar with Cap

Polypropylene Jars - Tamper-evident Lids

Wide-neck, transparent jars made from strong, chemically resistant polypropylene. The tamper-evident lid guarantees sample integrity between sampling site and laboratory. Lids are produced from HDPE (high density polyethylene).

Polypropylene Jars - Tamper-evident Lids

code	description
S00141	50ml PP Jar with Tamper-evident Lid (pk.250)
S00142	100ml PP Jar with Tamper-evident Lid (pk.200)
S00144	250ml PP Jar with Tamper-evident Lid (pk.84)
S00146	500ml PP Jar with Tamper-evident Lid (pk.36)
S00148	1000ml PP Jar with Tamper-evident Lid (pk.18)

Polypropylene Jars - Standard Screw-caps

Wide-neck, transparent jars made from strong, chemically resistant polypropylene. Lids are produced from HDPE.

Polypropylene Jars - Standard Screw-caps

code	description
S00170	150ml PP Jar with Screw-cap (pk.120)
S00172	250ml PP Jar with Screw-cap (pk.84)
S00174	500ml PP Jar with Screw-cap (pk.36)
S00176	1000ml PP Jar with Screw-cap (pk.18)

Square PET Bottles - Tamper-evident Lids

PET (polyethylene terephthalate) Bottles are resistant to many chemicals and impermeable to gases. Transparent, with tamper-evident lids to maintain sample integrity.

Square PET Sampling Bottles - Tamper-evident Lids

code	description
S00150	250ml PET Bottle with White T/E Lid (pk.96)
S00156	500ml PET Bottle with White T/E Lid (pk.144)
S00162	1000ml PET Bottle with White T/E Lid (pk.70)

HDPE Sampling Bottles

Leakproof HDPE (high density polyethylene) Sampling Bottles are available as both wide-mouth or narrow-mouth. Supplied with polypropylene cap and neck insert.

HDPE Sampling Bottles - with Cap & Insert

code	description
S00200	30ml HDPE Bottle, Clear Wide-mouth (pk.72)
S00202	60ml HDPE Bottle, Clear Wide-mouth (pk.72)
S00204	125ml HDPE Bottle, Clear Wide-mouth (pk.72)
S00206	250ml HDPE Bottle, Clear Wide-mouth (pk.72)
S00208	500ml HDPE Bottle, Clear Wide-mouth (pk.48)
S00210	1000ml HDPE Bottle, Clear Wide-mouth (pk.24)
S00224	30ml HDPE Bottle, Clear Narrow-mouth (pk.72)
S00226	60ml HDPE Bottle, Clear Narrow-mouth (pk.72)
S00228	125ml HDPE Bottle, Clear Narrow-mouth (pk.72)
S00230	250ml HDPE Bottle, Clear Narrow-mouth (pk.72)
S00232	500ml HDPE Bottle, Clear Narrow-mouth (pk.48)
S00234	1000ml HDPE Bottle, Clear Narrow-mouth (pk.24)



With tamper-evident lid



Polypropylene Jars



With tamper-evident lid



HDPE Wide-mouth Clear Bottles

HDPE Narrow-mouth Clear Bottles



Klarity™ Syringe Filters - CERTIFIED

Klarity™ syringe filters offer a step further in traceability, method validation and GLP.

Certified Klarity™ syringe filters are made using a polypropylene medical grade housing with Luer Lock and Luer slip fittings in compliance with ISO 594-1. Each filter is sealed using an external ring insert to maintain membrane integrity and best performance. Klarity™ syringe filters are colour coded for easy identification.

All Klarity™ syringe filters are manufactured in compliance with ISO 9001 and tested in a ISO 17025 accredited facility. The manufacturing methods used eliminate variable results through controlled manufacturing consistency batch to batch, filter to filter. Samples and raw data of all syringe filter batches and membranes are stored for 5 years from production for future reference.

Klarity™ syringe filters are also available with a 1.0mm Glass-fibre Pre-filter.

All syringe filters are certified for conformance:

- 100% of the syringe filters are visually inspected following quality specifications
- Each lot of filters is tested for external dimensions
- Bubble Point
- Burst Pressure
- Filter Integrity
- Water Flow Rate
- UV Extractables and compliance with all technical procedures

A certificate of analysis and conformance is available for each lot.

MEMBRANE TYPE AND PORE SIZE



Easy Identification for Method Validation

In addition to the colour code, every single unit of Klarity™ Certified Syringe Filter is printed with the membrane type, pore size and lot number.

Syringe Filter Membrane Compatibility

C Compatible
LC Limited compatibility (membrane may swell or shrink)
IC Incompatible
ND No data currently available

KEY:

PTFE Polytetrafluoroethylene
PVDF Polyvinylidene difluoride
PES Polyethersulfone
CA Cellulose Acetate
RC Regenerated Cellulose
PP Polypropylene
MEC Mixed Ester Cellulose
NC Nitrocellulose
GMF Glass Microfiber

Chemical	Nylon	PTFE	PVDF	PES	CA	RC	PP	GMF
ACIDS								
Acetic, glacial	LC	C	C	C	IC	C	C	C
Acetic, 25%	C	C	C	C	CA	C	C	C
Hydrochloric, conc.	IC	C	C	C	IC	IC	C	C
Hydrochloric, 25%	IC	C	C	C	IC	IC	C	C
Sulphuric, conc.	IC	C	IC	IC	IC	IC	C	C
Sulphuric, 25%	IC	C	C	C	IC	IC	C	LC
Nitric, conc.	IC	C	C	IC	IC	IC	C	LC
Nitric, 25%	IC	C	C	C	IC	IC	C	LC
Phosphoric, 25%	IC	C	ND	ND	ND	LC	C	C
Formic, 25%	IC	C	ND	ND	LC	C	C	C
Trichloroacetic, 10%	IC	C	ND	ND	ND	C	C	ND
ALCOHOLS								
Methanol, 98%	C	C	C	C	C	C	C	C
Ethanol, 98%	C	C	C	C	C	C	C	C
Ethanol, 70%	LC	C	C	C	C	C	C	C
Isopropanol	C	C	C	C	C	C	C	C
n-Propanol	C	C	C	C	C	C	C	C
Amyl Alcohol (Butanol)	C	C	C	C	C	C	C	C
Benzyl alcohol	C	C	C	ND	LC	C	C	IC
Ethylene Glycol	C	C	C	C	C	C	C	C
Propylene Glycol	C	C	C	C	LC	C	C	C
Glycerol	C	C	C	C	C	C	C	C
ALKALIES								
Ammonium Hydroxide, 25%	C	C	LC	C	C	LC	C	C
Sodium Hydroxide, 3N	C	C	C	C	IC	LC	C	IC
AMINES AND AMIDES								
Dimethyl Formamide	LC	C	IC	IC	IC	LC	C	C
Diethylacetamide	C	C	ND	ND	IC	C	ND	C
Triethanolamine	C	C	ND	ND	C	C	ND	ND
Aniline	ND	C	ND	ND	IC	C	ND	ND
Pyridine	C	C	IC	IC	IC	C	IC	C
Acetonitrile	C	C	C	LC	IC	C	C	C
ESTERS								
Ethyl Acetate/Methyl Acetate	C	C	C	IC	IC	C	LC	C
Amyl Acetate/Butyl Acetate	C	C	IC	IC	LC	C	LC	C
Propyl Acetate	C	C	IC	IC	LC	C	LC	ND
Propylene Glycol Acetate	ND	C	ND	IC	IC	C	C	ND
2-Ethoxyethyl Acetate	ND	C	ND	IC	LC	C	ND	ND
Methyl Cellulose	ND	C	ND	IC	IC	C	C	C
Benzyl Benzoate	C	C	ND	IC	C	C	ND	ND
Isopropyl Muristate	C	C	ND	IC	C	C	ND	ND
Tricresyl Phosphate	ND	C	ND	IC	C	C	ND	ND
HALOGENATED HYDROCARBONS								
Methylene Chloride	LC	C	C	IC	IC	C	LC	C
Chloroform	C	C	C	IC	IC	C	LC	C
Trichloroethylene	C	C	C	IC	C	C	C	C
Chlorobenzene	C	C	C	LC	C	C	C	C
Freon	C	C	C	LC	C	C	C	C
Carbon Tetrachloride	C	C	C	IC	LC	C	LC	C
HYDROCARBONS								
Hexane/Xylene	C	C	C	IC	C	C	IC	C
Toluene/Benzene	C	C	C	IC	C	C	IC	C
Kerosene/Gasoline	C	C	C	LC	C	C	IC	C
Tetralin/Decalin	ND	C	C	ND	C	C	ND	ND
KETONES								
Acetone	C	C	IC	IC	IC	C	C	C
Cyclohexanone	C	C	IC	IC	IC	C	C	C
Methyl Ether Ketone	C	C	LC	IC	LC	C	LC	C
Isopropylacetone	C	C	IC	IC	C	C	ND	C
Methyl Isobutyl Ketone	ND	C	LC	IC	ND	C	LC	C
ORGANIC OXIDES								
Ethyl Ether	C	C	C	C	C	LC	LC	ND
Dioxane	C	C	LC	IC	C	C	C	C
Tetrahydrofuran	C	C	LC	IC	C	C	C	C
Triethanolamine	C	C	ND	C	C	ND	ND	ND
DMSO	C	C	IC	IC	C	C	C	C
Isopropyl Ether	ND	C	C	C	C	C	C	ND

Membrane Selection

Organic and/or Water Sample Matrix:

Nylon, PP, PVDF, PTFE, RC

Aqueous Sample Matrix:

CA, MEC, PES, NC

Sample Matrix with peptides and proteins:

RC, PP, PVDF, PES, CA

Tissue Culture media:

RC, CA, PES, MEC

Ion Chromatography:

PES

Excessive particulates:

Syringe filter with glass pre-filter

Use 0.20µm filters:

Elimination of bacterial contamination

For use with 3µm HPLC columns

Use 0.45µm filters:

Most HPLC applications

Free dispenser box for
25mm filters



F10020

F10120



F10010

F10110



F10030

F10130



F10040

F10040



F10190

F10090



F10200

F10100

Klarity™ Nylon - CERTIFIED

Hydrophilic. Compatible with a wide range of organic & aqueous solvents. Excellent for HPLC and general filtration. High protein retention.

Nylon - Klarity™ Syringe Filters, pk.100

code	description
F10010	13mm Nylon, 0.20µm - light green
F10020	13mm Nylon, 0.45µm - green
F10110	25mm Nylon, 0.20µm - light green
F10120	25mm Nylon, 0.45µm - green
F10210	25mm Nylon, 0.20µm with glass-fibre pre-filter - light green
F10220	25mm Nylon, 0.45µm with glass-fibre pre-filter - green

Klarity™ PTFE - CERTIFIED

Hydrophobic. High chemical resistance. Ideal for solvents, degassing HPLC mobile phases and extremely basic mobile phases. Very low extractables and mechanically strong. Aqueous solutions require pre-wetting of the membrane with an alcohol.

PTFE - Klarity™ Syringe Filters, pk.100

code	description
F10030	13mm PTFE, 0.20µm - light blue
F10040	13mm PTFE, 0.45µm - blue
F10130	25mm PTFE, 0.20µm - light blue
F10140	25mm PTFE, 0.45µm - blue
F10230	25mm PTFE, 0.20µm with glass-fibre pre-filter - light blue
F10240	25mm PTFE, 0.45µm with glass-fibre pre-filter - blue

Klarity™ Polypropylene - CERTIFIED

Hydrophilic. Good chemical resistance to organic solvents. Offers excellent protein recovery. Suitable for filtration of biological samples prior to HPLC and may be used with acids and bases.

Polypropylene - Klarity™ Syringe Filters, pk.100

code	description
F10090	13mm Polypropylene, 0.20µm - clear
F10100	13mm Polypropylene, 0.45µm - white
F10190	25mm Polypropylene, 0.20µm - clear
F10200	25mm Polypropylene, 0.45µm - white
F10290	25mm Polypropylene, 0.20µm with glass-fibre pre-filter - clear
F10300	25mm Polypropylene, 0.45µm with glass-fibre pre-filter - white

Klarity™ PVDF - CERTIFIED

Hydrophilic. PVDF (polyvinylidene difluoride). For filtration of solutions with low protein binding and filtration of aqueous and organic samples. Ideal for HPLC.

PVDF - Klarity™ Syringe Filters, pk.100

code	description
F10070	13mm PVDF, 0.20µm - pink
F10080	13mm PVDF, 0.45µm - red
F10170	25mm PVDF, 0.20µm - pink
F10180	25mm PVDF, 0.45µm - red
F10270	25mm PVDF, 0.20µm with glass-fibre pre-filter - pink
F10280	25mm PVDF, 0.45µm with glass-fibre pre-filter - red



Klarity™ Mixed Ester Cellulose - CERTIFIED

Hydrophilic. Used for clarification of most aqueous samples. Low protein retention, ideal for biological samples and culture media filtration.

Mixed Ester Cellulose (MEC) - Klarity™ Syringe Filters, pk.100

code	description
F10050	13mm MEC, 0.20µm - light yellow
F10060	13mm MEC, 0.45µm - yellow
F10150	25mm MEC, 0.20µm - light yellow
F10160	25mm MEC, 0.45µm - yellow
F10250	25mm MEC, 0.20µm w/ glass-fibre pre-filter - light yellow
F10260	25mm MEC, 0.45µm with glass-fibre pre-filter - yellow



Klarity™ Regenerated Cellulose - CERTIFIED

Hydrophilic. Resistant to a wide range of solvents with very low protein binding. Compatible with almost all common HPLC solvents and a pH range of 3 to 12.

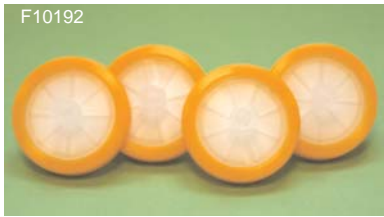
Regenerated Cellulose (RC) - Klarity™ Syringe Filters, pk.100

code	description
F10062	13mm RC, 0.20µm - light brown
F10065	13mm RC, 0.45µm - brown
F10162	25mm RC, 0.20µm - light brown
F10165	25mm RC, 0.45µm - brown
F10262	25mm RC, 0.20µm w/ glass-fibre pre-filter - light brown
F10265	25mm RC, 0.45µm with glass-fibre pre-filter - brown



Order on-line
www.qmx.com

Klarity™ Syringe Filters



Klarity™ Cellulose Actate - CERTIFIED

Hydrophilic. It is ideal for aqueous based samples and for filtration of tissue culture media and sensitive biological samples. Very low protein binding.

Cellulose Acetate (CA) - Klarity™ Syringe Filters, pk.100

code	description
F10092	13mm CA, 0.20µm - light orange
F10095	13mm CA, 0.45µm - orange
F10192	25mm CA, 0.20µm - light orange
F10195	25mm CA, 0.45µm - orange
F10379	25mm CA, 0.20µm with glass-fibre pre-filter - light orange
F10375	25mm CA, 0.45µm with glass-fibre pre-filter - orange

Klarity™ Polyethersulfone - CERTIFIED

Hydrophilic. Mechanically strong; may be used with strong bases and alcohols. Very low protein binding, providing high flow rates and good sample throughput. Ideal for tissue culture.

Polyethersulfone (PES) - Klarity™ Syringe Filters, pk.100

code	description
F10097	13mm PES, 0.20µm - light violet
F10096	13mm PES, 0.45µm - violet
F10202	25mm PES, 0.20µm - light violet
F10205	25mm PES, 0.45µm - violet
F10370	25mm PES, 0.20µm with glass-fibre pre-filter - light violet
F10365	25mm PES, 0.45µm with glass-fibre pre-filter - violet

Klarity™ Nitrocellulose - CERTIFIED

A naturally hydrophilic membrane recommended for clarification and filtration of aqueous samples. For immunoblotting, the high protein retention is ideal to bind DNA.

Nitrocellulose (NC) - Klarity™ Syringe Filters, pk.100

code	description
F10397	13mm NC, 0.20µm - light pistachio
F10391	13mm NC, 0.45µm - pistachio
F10398	25mm NC, 0.20µm - light pistachio
F10392	25mm NC, 0.45µm - pistachio
F10399	25mm NC, 0.20µm with glass-fibre pre-filter - light pistachio
F10394	25mm NC, 0.45µm with glass-fibre pre-filter - pistachio

Klarity™ Glass Microfibre - CERTIFIED

Used as pre-filters to remove large particulates to extend the loading capacity of the filter membrane.

Glass Microfibre (GMF) - Klarity™ Syringe Filters, pk.100

code	description
F10400	25mm GMF, 1.0µm - grey
F10401	25mm GMF, 2.0µm - grey
F10402	25mm GMF, 3.0µm - grey

Klarity™ Membrane Filters

Klarity™ Membrane Filters are manufactured to exacting standards specifically for HPLC mobile phase and small sample filtration.

HPLC Mobile Phase Filtration - Klarity™ Membrane Filters, pk.50

code	description
F10700	47mm Nylon, 0.20µm
F10710	47mm Nylon, 0.45µm
F10720	47mm PTFE, 0.20µm
F10730	47mm PTFE, 0.45µm
F10740	47mm Mixed Ester Cellulose, 0.20µm
F10750	47mm Mixed Ester Cellulose, 0.45µm
F10760	47mm PVDF, 0.20µm
F10770	47mm PVDF, 0.45µm
F10780	47mm Polypropylene, 0.20µm
F10790	47mm Polypropylene, 0.45µm
F10411	47mm Regenerated Cellulose, 0.20µm
F10410	47mm Regenerated Cellulose, 0.45µm
F10388	47mm Nitrocellulose, 0.45µm
F10390	47mm Cellulose Acetate, 0.45µm
F10389	47mm Glass Microfibre, 1.0µm

Small Sample Filtration - Klarity™ Membrane Filters

code	description	pk.
F10500	13mm Nylon, 0.20µm	100
F10510	13mm Nylon, 0.45µm	100
F10600	25mm Nylon, 0.20µm	50
F10610	25mm Nylon, 0.45µm	50
F10520	13mm PTFE, 0.20µm	100
F10530	13mm PTFE, 0.45µm	100
F10620	25mm PTFE, 0.20µm	50
F10630	25mm PTFE, 0.45µm	50
F10540	13mm Mixed Ester Cellulose, 0.20µm	100
F10550	13mm Mixed Ester Cellulose, 0.45µm	100
F10640	25mm Mixed Ester Cellulose, 0.20µm	50
F10650	25mm Mixed Ester Cellulose, 0.45µm	50
F10560	13mm PVDF, 0.20µm	100
F10570	13mm PVDF, 0.45µm	100
F10660	25mm PVDF, 0.20µm	50
F10670	25mm PVDF, 0.45µm	50
F10580	13mm Polypropylene, 0.20µm	100
F10590	13mm Polypropylene, 0.45µm	100
F10680	25mm Polypropylene, 0.20µm	50
F10690	25mm Polypropylene, 0.45µm	50
F10555	13mm Regenerated Cellulose, 0.20µm	100
F10552	13mm Regenerated Cellulose, 0.45µm	100
F10655	25mm Regenerated Cellulose, 0.20µm	50
F10652	25mm Regenerated Cellulose, 0.45µm	50



Protect your instruments and columns by eliminating particulates and gases from the mobile phase

Nylon:

Hydrophilic. Compatible with a wide range of organic & aqueous solvents. Excellent for HPLC and general filtration. High protein retention.

PTFE:

Hydrophobic. High chemical resistance. Ideal for solvents, degassing HPLC mobile phases and extremely basic mobile phases. Very low extractables and mechanically strong. Aqueous solutions require pre-wetting of membrane with an alcohol.

Mixed Ester Cellulose:

Hydrophilic. Used for clarification of most aqueous samples. Low protein retention. Ideal for biological samples and culture media filtration.

PVDF:

Hydrophilic. For filtration of solutions with low protein binding and filtration of aqueous and organic samples. Ideal for HPLC.

Polypropylene:

Hydrophilic. Good chemical resistance to organic solvents. Offers excellent protein recovery. Suitable for filtration of biological samples prior to HPLC. May be used with acids and bases.

Regenerated Cellulose:

Hydrophilic. Resistant to a wide range of solvents with very low protein binding. Compatible with almost all common HPLC solvents and a pH range of 3 to 12.

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HPLC Detector Lamps



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Call 01371 831611
or **email sales@qmx.com**

HPLC Detector Lamps

Our HPLC detector lamps are sourced from manufacturers used by many instrument companies, ensuring quality first. Our lamps are guaranteed to work in your detector offering the same or better performance than the original lamp.

New Long Life lamps are available for many detectors offering guaranteed extended operating life and superb value making them the ideal choice.

High quality replacement lamps are available for almost every instrument, please email or telephone with your requirement and we will be pleased to provide the precise ordering information.

All our deuterium lamps are guaranteed for up to 1000 hours use in the 6 months after your purchase. For long life lamps, this is extended for up to 2000 hours use in the 12 months after your purchase.

Ordering a lamp is easy.....

We supply quality deuterium, xenon, mercury and tungsten lamps for over 700 detectors. Simply tell us your instrument make and model and we'll do the rest!

Agilent Technologies
Cecil Instruments
Dionex
Gilson
Jasco
Knauer
Kontron
Merck/Hitachi
PerkinElmer
Shimadzu
Thermo Scientific
Varian
Waters

and many more.....

Hollow Cathode Lamps

Whether you require a single element or multi-element, coded or non-coded hollow cathode lamp, we can provide a direct replacement for your AA spectrometer. Our lamps are available in two standard sizes: 2.0" (50mm) for PerkinElmer instruments and 1.5" (37mm) for other manufacturers. Coded lamps permit the instrument to automatically identify the lamp element. A full range of data coded replacement lamps are now also available for the PerkinElmer Analyst range.

AnalytikJena
GBC
Hitachi
PerkinElmer
Shimadzu
Thermo Scientific
Varian

and many more.....

Purple Nitrile Disposable Gloves

Latex free: eliminates risk of Type I allergic reaction to latex proteins.
Powder free: eliminates risk of powder-related irritation.
Textured fingertips: enhance wet & dry grip.

Purple Nitrile Gloves - standard cuff 242mm (9.5")

code	description	pk.
52000M	X-Small	100
52001M	Small	100
52002M	Medium	100
52003M	Large	100
52004M	X-Large	90

Purple Nitrile Gloves - long cuff 306mm (12"), pk. 50

code	description
50601M	Small, long cuff
50602M	Medium, long cuff
50603M	Large, long cuff
50604M	X-Large, long cuff

Case quantities of 10 packs receive a discount.

Blue Nitrile Disposable Gloves

Latex free | Powder free | Textured surface
Suitable for general laboratory use.

Blue Nitrile Gloves - standard cuff 242mm (9.5"), pk. 100

code	description
N100	Small
N200	Medium
N300	Large
N400	X-Large

Case quantities of 10 packs receive a discount.

Tough Tags™ Labels

Made from chemically inert polyester which has a strong adhesion to glass and plastic. Will withstand autoclaving, boiling, freezing to -80°C, and brief contact with organic solvents and caustic agents. Other colours are available - please call 01371 831611.

Tough Tags™ Labels, pk. 1000

code	description
A10101	Small, White, 24 x 12.5mm
A10107	Medium White, 32.5 x 12.5mm

BenchTidy™ Storage Box

Functional acrylic storage boxes for safe storage of autosampler vials, caps, syringe filters, etc.

BenchTidy™

code	description	
A10010	Two compartment	14 x 16 x 36.5cm
A10020	Three compartment	21 x 16 x 21cm
A10030	Four compartment	29 x 16 x 21cm



Notes

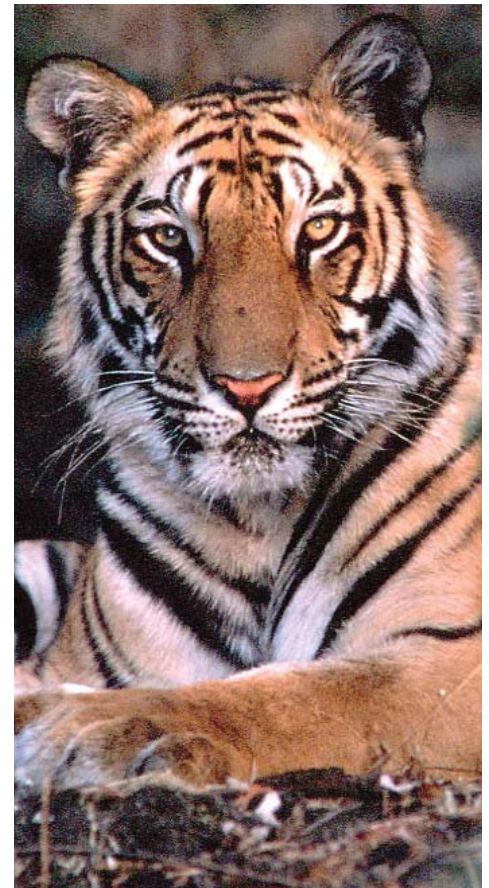


"Tiger Conservation is People Conservation"

LifeForce, a British charity, is based in the Indian State of Madhya Pradesh – which holds 20% of the world's tigers. The charity is committed to the protection of tigers in their natural habitat which inevitably means working alongside and helping local people. LifeForce has recently channelled their resources into two projects having fundamental importance:

The Biodiesel Project

Energy in one form or another is essential for tribal people to meet their basic needs such as cooking, heating and lighting. In India, with its predominately rural population, energy is mostly obtained from forest and agricultural sources e.g. wood and charcoal leading to deforestation and therefore habitat for the tiger population. The project utilises the seeds of Mahua trees. The trees and their seeds are readily available in the area without felling, planting or any other interference. The seeds are fed into a 'seed decorticator' machine which expels the oil and which can, without further treatment or refinement, be used in a modified diesel engine. It has transformed the lives of the villagers and in addition they are now able to cultivate a second crop by using pumped irrigation.



The Employment Cell Project

The greatest threat to the tiger and its habitat is now posed by unemployed tribal youths living in and around tiger reserves. Unemployment leads to the various threats of poaching, timber theft, arson, encroachment, degradation of habitat, collection of forest produce and grazing of domestic animals in tiger reserves. Unemployed youths from around tiger reserves are offered training programmes leading to employment which has resulted in a boost to their own and to their families' standards of living while removing any need for them to go into the forests and harm the tiger habitat.



Qmx Laboratories, in association with our customers, has been supporting LifeForce for many years, making a donation to the charity for each and every single order that we receive, irrespective of the value of that order. Therefore, the continued success of Qmx Laboratories, has meant continued support for LifeForce.

Should you wish to find out more about LifeForce, make a personal donation or even become involved with their work, please visit www.lifeforceindia.com

www.lifeforceindia.com



Also available from Qmx Laboratories:



Organic Reference Standards



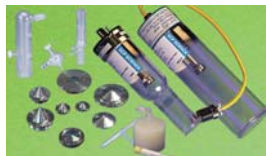
Stable Isotopes



Inorganic Reference Standards



Chromatography Products - GC, HPLC



Spectroscopy Products - ICP, AA, XRF



Digestion Systems



Autodiluters & Dispensers



Cetac Technologies Autosamplers & Nebulisers



Savillex PFA Labware

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