



Arsenic determination apparatus, aspirators



Arsenic determination apparatus

- Designed for the estimation of arsenic and antimony
- Method uses the formation of a complex between arsine and silver diethyldithiocarbamate with subsequent measurement at 5380A

Product Code	Description	Socket size	Cone size	Pack qty.
1AD/1	Complete Assembly	-	-	1
AD3	Absorption tube	-	24/29	1
FE100/3	100ml Erlenmeyer flask	24/29	-	5

i Reference: Elliot and Loper, *Analytical Chemistry*, (1974), 46, 2256.



Aspirator bottles, tubing side-arm

PYREX®

- Tubular side arm for attachment of 9mm bore flexible tubing
- Unground neck to accept rubber stoppers

Product Code	Capacity (ml)	Body diam. mm	Neck I.D.(at top) mm	Bottle height mm	Pack qty.
1531/06D	250	73	18	131	10
1531/08D	500	89	23	163	10
1531/10D	1000	111	28	200	5
1531/12D	2000	138	28	248	5



Aspirator bottles, ground glass side-socket

PYREX®

- Complies with ISO 4796
- Ground side socket (size 29/32) to accept stopcock assemblies
- Unground top neck to accept rubber stoppers

Product Code	Capacity (ml)	Body diam. mm	Neck I.D.(at top) mm	Bottle height mm	Pack qty.
1541/12D	2000	138	28	248	5
1541/16D	5000	181	44	318	1
1541/18D	10000	227	59	398	1
1541/20D	15000	258	59	460	1
1541/22D	20000	288	59	492	1

i Compatible with stopcocks on page 39.



Aspirator bottles, ground glass side-socket and neck

PYREX®

- Complies with ISO 4796
- Ground side socket (size 29/32) to accept stopcock assemblies
- Ground neck
- Supplied with glass stopper

Product Code	Capacity (ml)	Body diam. mm	Stopper size	Neck I.D. (at top) mm	Height with stopper	Pack qty.
1569/12DP	2000	138	29/32	29	262	2
1569/16D	5000	181	45/40	45	333	1
1569/18D	10000	227	60/46	60	414	1
1569/22D	20000	288	60/46	60	508	1



i Compatible with stopcocks as detailed below.

Aspirator stopcocks with ground cone

PYREX®

- For use with Aspirator bottles 1541: and 1569:
- Type 1568/04M with Rotaflo® PTFE key which is chemically inert and requires no lubrication
- Type 1571/02M with traditional glass key

Product Code	Stopcock bore mm	Cone size	Overall length mm	Pack qty.
1568/04M	3.0	29/32	53	1
1571/02M	4.0	29/32	95	1





Aspirator bottles, large capacity

PYREX®

- Ideal for storage of distilled water etc.
- Choice of sizes up to 20 litre capacity
- Wide neck with simple glass cover
- Supplied with plastic connector and rubber/PTFE sealing ring
- Accepts either stopcock GP6/10W or glass tubing of 14mm O.D.

Product Code	Capacity (ml)	Ext. neck diam. mm	Total height mm	Max. diam. mm	Pack qty.
1565/16M	5000	100	320	200	1
1565/18M	10000	127	395	234	1
1565/22M	20000	160	500	300	

i Aspirator and stopcock should be ordered separately.



Aspirator accessories and spares

PYREX®

- Stopcock for use with Aspirator Bottles 1565: series with Rotaflo PTFE key
- Essential spare connectors and sealing rings for 1565: series

Product Code	Description	Pack qty.
GP6/10W	10mm bore Aspirator Rotaflo stopcock	1
1548/02M	Spare plastic connector for outlet	1
1547/02M	Spare rubber/PTFE sealing ring	1



Aspirator, narrow neck, HDPE



- Large capacity aspirators with screw caps
- Ideal for bench-top dispensing of common solvents/distilled water etc. featuring smooth operating leak-proof stopcocks
- Good resistance to chemical attack

Product Code	Capacity litres	Neck I.D. mm	Overall height mm	Pack qty.
BGH034	5	49	330	1
BGH036	10	49	380	1
BGH038	25	80	580	1
BGH040	50	80	700	1



i Large carboys can be found on page 63.

Aspirator, narrow neck, HDPE, spares

Product Code	Description	Pack qty.
SWQ016	Spare stopcock for BGH034 & BGH036	1
SWQ003	Spare stopcock for BGH038 & BGH040	1

Aspirator, heavy duty, polypropylene



- Squat form for stable location on shelves, bench top or in transit
- Moulded handle for safe and secure carrying
- Clear moulded graduations allowing quick and easy volume assessment
- Leakproof heavy duty stopcock opens and closes in a quarter turn
- Autoclavable polypropylene for easy cleaning and sterilisation
- Caps have moulded drill guides for easy location of probes and feed-lines

Product Code	Capacity litres	Thread size mm	Max height x width mm	Pack qty.
BNP05A	5	45	270 x 220	1
BNP10A	10	90	360 x 280	1
BNP20A	20	90	420 x 350	1

! When autoclaving aspirators always ensure the caps are completely loosened or removed to prevent accidental implosion.



Aspirators, heavy duty, polypropylene, spares

Product Code	Description	Pack qty.
CAP/045H	Spare cap for BNP05A/B	1
CGZ85PP	Spare cap for BNP10A/B & 20A/B	1
SCBNP01	Spare stopcock	1

i Carboys can be found on page 63.



Aspirator, wide neck, HDPE



Azlon

- Large capacity aspirator with easy fill wide aperture
- Screw cap with water tight rubber seal, leak-proof stopcock and carry handles
- Ideal for bench top dispensing of common laboratory liquids
- Good resistance to chemical attack

Product Code	Capacity litres	Neck I.D. mm	Height mm	Pack qty.
BGH068	30	240	415	1
BGH070	50	240	640	1
BWX072	100	240	770	1



Spare stopcocks for this item - SWQ003 can be found on page 41.



Aspirator, square, HDPE



Azlon

- Square shape saves space on benchtops and shelves
- Push-in water tight stopcock
- Graduated body
- 5 litre version features two moulded handles for safe transportation
- Larger sizes have a carry handle

Product Code	Capacity litres	Base mm	Neck I.D. mm	Height mm	Pack qty.
BSH05A	5	165	40	325	1
BSH10A	10	210	40	365	1
BSH20A	20	262	50	465	1
BSH30A	30	305	65	525	1



Replacement stopcock: 4461/0010