

PART OF THE **DURAN®** BOTTLE SYSTEM

EFFICIENT

DURAN® HPLC RESERVOIR BOTTLE

With conical base
for efficient delivery
of solvents



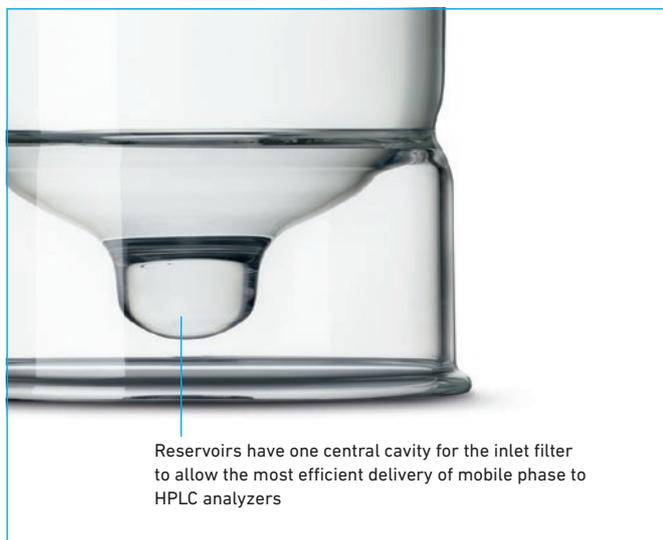
DWK LIFE SCIENCES
DURAN WHEATON KIMBLE

DURAN® HPLC RESERVOIR BOTTLE GL 45 WITH CONICAL BASE – SIMPLY EFFICIENT

The DURAN® reservoir bottles have been specially designed for the storage and delivery of high-performance liquid chromatography (HPLC) mobile phases and solvents. Reservoirs have one central cavity for the inlet filter to allow the most efficient delivery of mobile phase to HPLC analyzers. A safer and more convenient alternative to flat bottomed glass media bottles, the conical bottom reservoirs allow a greater recovery of solvent, without having to tilt the reservoir and risk a solvent spill. The larger reservoirs allow longer, uninterrupted analyses. These are especially useful during a weekend or lengthy chromatographic analysis when there might be a risk of running out of solvents during unattended operation.

APPLICATIONS

- Mobile phase reservoirs for HPLC
- Reagent supply to liquid handling systems



Reservoirs have one central cavity for the inlet filter to allow the most efficient delivery of mobile phase to HPLC analyzers

FEATURES & BENEFITS

- Manufactured from the material of choice for solvent bottles: borosilicate 3.3 glass. This material has an exceptional chemical durability offering a very low inorganic ion extractables profile, and the total absence of any organic extractables.
- DURAN® is a borosilicate glass type 3.3 as specified by the international standard ISO 3585, and is classified as a "Type I, Class A low-expansion borosilicate glass" as defined by ASTM-E438-1992
- DURAN® glass is classified by the USP / EP / JP pharmacopoeias as a "Type I neutral glass".
- Retrace Code, and certificate for manufacturing lot traceability.
- Available in five useful sizes **1 / 2 / 3.5 / 5 / 10 Liter**.
- On the three larger sizes, the central cavity can accommodate magnetic stir bars for improved mixing.
- Side vent / drain hole in the base for ultrasonic bath degassing, or water drainage after cleaning.
- GL 45 thread fits standard HPLC connection caps.
- Durable white enamel volume graduations.
- Autoclavable at +121 °C or +134 °C.

ORDERING INFORMATION

Description	d (OD) (mm)	h (mm)	Pack Unit	Cat. No.
DURAN® HPLC reservoir bottle, clear, conical base, GL 45, 1000 mL	110	295	1	21 841 54 07
DURAN® HPLC reservoir bottle, clear, conical base, GL 45, 2000 mL	145	309	1	21 841 63 09
DURAN® HPLC reservoir bottle, clear, conical base, GL 45, 3500 mL	165	353	1	21 841 69 09
DURAN® HPLC reservoir bottle, clear, conical base, GL 45, 5000 mL	190	386	1	21 841 73 05
DURAN® HPLC reservoir bottle, clear, conical base, GL 45, 10000 mL	235	481	1	21 841 86 01
DURAN® 3-port GL 45 HPLC delivery cap ¼"-28 thread for 3.2 mm OD tubing PTFE Complete with three ¼"-28 ETFE plugs and TFE/propylene o-ring	-	-	1	29 231 28 01
DURAN® ETFE blanking plug ¼"-28 thread for 3-port HPLC GL 45 delivery cap	-	-	1	29 231 00 03

These products are available from your specialist laboratory dealer.

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