

PART OF THE DURAN®BOTTLE SYSTEM

# DURAN® HPLC RESERVOIR BOTTLE GL 45

WITH CONICAL BASE  
FOR EFFICIENT DELIVERY  
OF SOLVENTS



EXPLORE THE DURAN®  
BOTTLE SYSTEM

[www.duran-bottle-system.com](http://www.duran-bottle-system.com)



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**DURAN  
WHEATON  
KIMBLE**

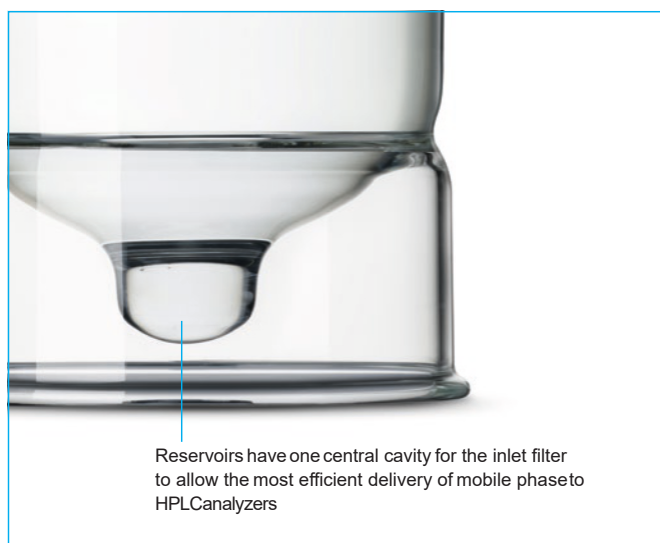
Excellence in your hands

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

The DURAN®reservoirbottles 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 HPLCanalyzers. 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
- Reagentsupply to liquid handling systems



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

## 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 ISO3585, 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®HPLCreservoir bottle, clear, conical base, GL45, 1000 mL	110	295	1	21 841 54 07
DURAN®HPLCreservoir bottle, clear, conical base, GL45, 2000 mL	145	309	1	21 841 63 09
<b>NEW</b> DURAN®HPLCreservoir bottle, clear, conical base, GL45, 3500 mL	165	353	1	21 841 69 09
DURAN®HPLCreservoir bottle, clear, conical base, GL45, 5000 mL	190	386	1	21 841 73 05
DURAN®HPLCreservoir bottle, clear, conical base, GL45, 10000 mL	235	481	1	21 841 86 01
DURAN®3-port GL45 HPLCdelivery cap 1/4"-28 thread for 3.2 mm OD tubing PTFE Complete with three 1/4"-28 ETFEplugs and TFE/propylene o-ring	—	—	1	29 231 28 01
DURAN®ETFEblanking plug 1/4"-28 thread for 3-port HPLCGL45 delivery cap	—	—	1	29 231 00 03

These products are available from your specialist laboratory dealer.

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