

GL 45 Stirred Reactor, DURAN Group / IDL

The GL 45 stirred reactor is suitable for a wide range of laboratory mixing processes. During the mixing process, media may be added to or removed from the flask via the outlets (2 x GL 14). Materials: polypropylene/PTFEE/PEEK/stainless steel. $T_{\max} = +140^{\circ}\text{C}$. Fully autoclavable.

A sterile pressure equalizer or an additional media bottle can be connected by means of components of the connection system (outer diam. of tube: 1.6 - 6.0 mm). Drive for the stirrer is provided by a standard commercial magnetic stirrer. The variable stirrer shaft can be used in DURAN® GL 45 laboratory glass bottles (500 ml, 750 ml, and 1,000 ml) and provides notably improved mixing in comparison with standard magnetic stir bars. The agitating element is replaceable; operation at up to 500 rpm possible.

Typical applications: mixing of liquids, dissolving of solids, simple fermentation processes.

GL 45 stirred reactor

Article	Order No.
GL 45 stirred reactor incl. 500 ml DURAN® bottle	10 21 10395
with folding magnetic stirrer, GL 45 PP cap with 2 x GL 14 ports, 2 x GL 14 PBT caps red	
GL 45 stirred reactor incl. 1000 ml DURAN® bottle	10 21 10396
with folding magnetic stirrer, GL 45 PP cap with 2 x GL 14 ports, 2 x GL 14 PBT caps red	

Accessories for GL 45 stirred reactor

Article	Order No.
Screw joint for GL 45 stirred reactor, PP blue/grey	10 21 10390
Folding magnetic stirrer for GL 45 stirred reactor	10 21 10391
incl. shaft, PP/stainless steel with PEEK screw joint	

