

GLS 80 Stirred Reactor, DURAN Group / IDL

The GL 80 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 bottle via the outlets (2 × GL 14, 2 × GL 18).

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 - 12.0 mm). Drive for the stirrer is provided by a standard commercial magnetic stirrer. The variable stirrer shaft can be used in DURAN® GLS 80 laboratory glass bottles (1,000 ml and 2,000 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.

GLS 80 stirred reactor

Article	Order No.
GLS 80 stirred reactor cap	10 21 10279
with stirrer anchor type (Ø 62 mm), magnetic, complete with shaft, connection and screw cap	
GLS 80 stirred reactor incl. 1 L bottle	10 21 10380
with stirred reactor anchor type (Ø 62 mm), magnetic, GL 14 screw cap (PP, blue), 2 × GL14 screw cap (PBT red), 2 × GL18 screw cap (PBT red)	
GLS 80 stirred reactor incl. 2 L bottle	10 21 10281
with stirred reactor anchor type (Ø 62 mm), magnetic, GL 14 screw cap (PP, blue), 2 × GL14 screw cap (PBT red), 2 × GL18 screw cap (PBT red)	

Accessories for GLS 80 stirred reactor

Article	Order No.
Stirrer impeller type, Ø 62 mm, magnetic	10 21 10382
Stirrer anchor type, Ø 62 mm, magnetic	10 21 10283
Spare screw cap, PP blue/grey	10 21 10385
Spare shaft, stainless steel, incl. PEEK connection	10 21 10386

