

Dispermill Vacuum Kit

Accessoires

The Dispermill Vacuum kit is developed to enable a dispersion process in a closed system under vacuum. The system prevents the formation of air bubbles in your viscous product during mixing or dissolving whether you are producing sealants, glues, gels or colourants. The vacuum kit includes a lid that is made of high-quality aluminium, a vacuum meter and vacuum valve. The lid contains one porthole for the product inlet and two inspection windows to monitor the dispersion process. If desired, the lid can be supplied with LED lighting.

APPLICATION

The Vacuum kit is interchangeable with the dissolver shaft and can be connected on the Discovery 100, 200, 300 and the X-Proof 075 and 150. The short version of the 5L Vacuum kit is designed for the Discovery 100 and X-Proof 075, the long version fits on the Discovery 200, 300 and X-Proof 150. In case you're looking for Vacuum kits smaller than 5L, vessel adaptors are available from 5L to 2L or 5L to 1L.



FEATURES

- ✓ For dispersion without air in your product
- ✓ High-quality aluminium lid
- ✓ Vacuum meter
- ✓ Vacuum valve
- ✓ Easy to clean

Dispermill Vacuum kit	Order code
Vacuum kit 5L (Discovery 100, FR075)	12-1010
Vacuum kit 5L (Discovery 200/300, FR150/220)	12-1062
Vacuum kit 8L (Discovery 100, FR075)	12-1014
Vacuum kit 8L (Discovery 200/300, FR150/220)	12-1025
Vacuum kit 15L	12-1011
Vacuum kit 20L	12-1026
Vacuum kit 50L	12-1059

VESSEL OPTIONS

	Jacketed vessel with ball valve and 1" out.	Jacketed vessel without outlet	Single walled vessel with ball valve and 1" out.	Single walled vessel without outlet	Inside dimensions (Ø x h mm)
5L	42-1083	42-1027	42-1091	42-1081	175 x 220
8L	42-1084	42-1020	42-1092	42-1096	225 x 279
15L	42-1085	42-1028	42-1093	42-1097	250 x 360
20L	42-1029	42-1051	42-1094	42-1098	269 x 380
50L	42-1086	42-1030	42-1095	42-1099	400 x 450

PUMPS



16L/min, 20 mbar abs
230V, 50/60Hz
10-1022

 Internal atmosphere only



20L/min, 8 mbar abs
230V, 50/60Hz
10-1103



21L/min, 2 mbar abs
230V, 50/60Hz
10-1128





7L/min, 140 mbar abs
230V, 50/60Hz ATEX
10-1085

INSERTS




These images show the application of the inserts. By using the insert, the inside dimensions of the vessel will be reduced to 2 or 1 liter. Please note, with double-walled vessels the insert cannot be cooled.

42-1023 Insert 5L to 2L

42-1010 Insert 5L to 1L

LED LIGHT



LED light integrated in vacuum cover
12-1013