

# 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, FR 075)          | 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) |
|------------|---|--------------------------------|--|-------------------------------------|------------------------------|
| <b>5L</b>  | 42-1083                                     | 42-1027                        | 42-1091  | 42-1081                             | 175 x 220                    |
| <b>8L</b>  | 42-1084                                     | 42-1020                        | 42-1092  | 42-1096                             | 225 x 279                    |
| <b>15L</b> | 42-1085                                     | 42-1028                        | 42-1093  | 42-1097                             | 250 x 360                    |
| <b>20L</b> | 42-1029                                     | 42-1051                        | 42-1094  | 42-1098                             | 269 x 380                    |
| <b>50L</b> | 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**