

Vacuum/Pressure Pumps

Cost-effective, reliable pumps now smaller and lighter weight



- ▶ Reduces the risk of sample contamination. An air seal between the pump and cylinder provides oil- and dust-free vacuum/pressure delivery.
- ▶ Compact design saves laboratory space.
- ▶ Features a diaphragm for cleaner, quieter operation.

Applications

- ▶ Ideal addition to any busy laboratory that requires a vacuum and/or pressure source for various applications.
- ▶ Oil- and dust-free delivery helps maintain a clean laboratory environment in which to produce reliable, reproducible data.

Specifications

Materials of Construction

Body: Die-cast aluminum
Diaphragm: Neoprene♦
Seals: Stainless steel
Filter Elements: Polyurethane foam

Dimensions

Overall Length: 20 cm (7.9 in.)
Overall Height: 27.5 cm (10.8 in.)
Width: 16.5 cm (6.5 in.)

Weight

6.54 kg (14.4 lb.)

Free Air Flow

115 V: 519 cm³/s (1.1 cfm) (60 Hz)
230 V: 472 cm³/s (1.0 cfm) (50 Hz),
613 cm³/s (1.3 cfm) (60 Hz)

Vacuum

61 cm Hg (24 in. Hg)

Pressure

4.2 kg/cm² (60 psig)

Motor

1/8 hp

Current

115 V: 4.2 A (60 Hz)
230 V: 1.9 A (50 Hz), 2.2 A (60 Hz)

Vacuum/Pressure Connection

3/8 in. hose barb

Warranty

Unlimited one year warranty

Ordering Information

Vacuum/Pressure Pumps

Part Number	Description	Pkg
13157	115 V, 60 Hz, single phase	1/pkg
13158	230 V, 50/60 Hz, single phase (interchangeable powercords accommodate European 2 round-pin sockets and UK 3 flat-blade sockets) CE	1/pkg

Accessories and Replacement Parts

Part Number	Description	Pkg
13159	Cover gasket, filter/muffler element (2), filter element, valve screw (2), valve limiter, leaf valve (2), valve retainer, and instructions	1/pkg

Related Products

Filter Funnel Manifolds	228 - 229, 277 - 278
Magnetic Filter Funnels	226
SolVac® Filter Holder	182
Stainless Steel Pressure Vessels	283
Vacushield™ Vent Device	165
Vacuum Manifold and Accessories	276