

## VACUUM PUMP

SemiProbe provides a small footprint and quiet vacuum pump. The vacuum pump is typically located close to the probe system. A quiet vacuum pump is appreciated if the user is going to spend a few hours at a time using the probe system.

The vacuum pumps are primarily used to hold the device being tested on the chuck (wafer, chip, substrate, packaged part) and for vacuum-based manipulators. The most common vacuum pump SemiProbe supplies is listed below but several different types are available if desired.

### Vacuum Pump Specification

Rated Voltage: 115 V AC or 230 V AC

Rated Frequency: 60 Hz or 50 Hz

Input Power: 15/14 W

Rated Time: Continuous

Maximum Current: 0.28 A/0.18 A

Maximum Vacuum: -250 mmHg (-9.84 inchHg)

Open Air Flow: 6L/min (0.21 cfm)

Gross Weight: 1.2 Kg (2.65 pounds)

External Dimensions: 145 mm (L) x 84 mm (W) x 134 mm (H)

Fuse: 1 A, 250 V AC (5.0 mm dia x 20 mm) – consumable glass body cartridge

Power Switch: Rocker Switch (250 V AC, 6 A)

Power Cord Length: 2.5m

Noise Level: 40 dB at -26.6 kPa

Ambient Temperature: 0 to 40 C

Ambient Humidity: 30 to 85%