

Miniature Fans and Blowers

Powering Medical Suction



Applications

- Dental suction
- Lab dust suction
- Skin/nail dust suction
- Laser and electro surgery smoke evacuation
- Washer vapor suction
- Vapor sterilization suction
- Medical air and gas sampling and removal
- Air sampling and air monitoring

Product Features

- Brushless motor drives
- Vacuum and pressure up to 16000 Pa
- Flow rate up to 2000 l/min
- Compact design
- 12 V_{DC} versions available
- Available with integrated electronic motor driver

Micronel's high performance Axial Fans and Radial Blowers are relied upon around the world in a variety of medical and scientific extraction and suction applications. The diverse applications for Micronel fans and blowers include laser and electro surgery smoke evacuation, suction of laboratory dust, skin and nail dust in podiatry equipment, portable dental suction, drying in medical washers, removal of medical and anesthetic gases and air sampling as well as air quality monitoring equipment. Micronel's precision engineered fan and blower products provide highest pressure/suction with high airflows, low noise, compact size and low power consumption coupled with highest reliability and life expectancy.



D481P

Versatile and cost effective, high power, in-line fan!

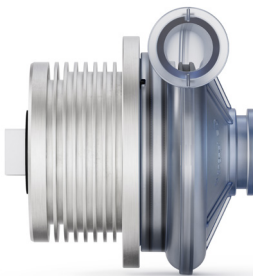
Supply voltage	12 V _{DC}
Static pressure	890 Pa
Freeflow	1 060 l/min
Motor controller	Integrated driver electronics
Typical applications	Fits neatly into tubing for in-line extraction of smoke, gases or dust



U51HP

Cost effective blower with high pressure and flow rate!

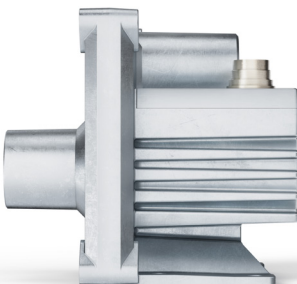
Supply voltage	12 V _{DC}
Static pressure	2 600 Pa
Freeflow	380 l/min
Motor controller	Integrated driver electronics
Typical applications	For portable battery operated suction equipment



U85MX

Most powerful blower, where highest pressures are needed!

Supply voltage	21 V _{DC}
Static pressure	12 300 Pa
Freeflow	860 l/min
Motor controller	Integrated driver electronics
Typical applications	Higher pressure/suction applications for example portable dental units



U100HL

Super ruggedized industrial, versatile blower platform!

Supply voltage	24 V _{DC}
Static pressure	11 400 Pa
Freeflow	865 l/min
Motor controller	Integrated driver electronics
Typical applications	IP sealed high pressure/suction applications in harsh environments