

MICRONEL MINIATURE FANS AND BLOWERS

POWERING MEDICAL SUCTION

Micronel Fans and Blowers
High vacuum and flow,
quiet and reliable

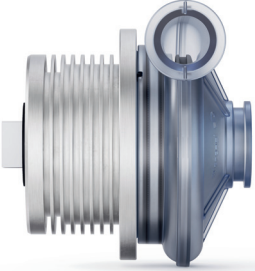
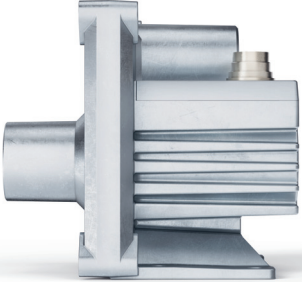
**APPLICATIONS**

- 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 D-Line Axial Fans and U-Line Radial Blowers are relied upon around the world in a variety of medical and scientific extraction and suction applications. The diverse applications for Micronel fan and blowers include laser and electro surgery smoke evacuation, suction of laboratory dust and skin and nail dust in podiatry equipment, portable dental suction, drying in medical washers, removal of medical and anaesthetic gases and air sampling and 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 combined with highest reliability and life expectancy.

 NEW PRODUCT! D481P Versatile and cost effective, high power, in-line fan!	Supply voltage 12 V_{DC} Static pressure 950 Pa Freeflow 1 100 l/min Motor controller Integrated driver electronics Typical applications Fits neatly into tubing for in-line extraction of smoke, gases or dust
 NEW PRODUCT! U51HP Cost effective blower with high pressure and flow rate!	Supply voltage 12 V_{DC} Static pressure 2860 Pa Freeflow 390 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 24 V_{DC} Static pressure 12 500 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