

DataVision

DVMP

Portable Micrometer



DVMP - PORTABLE MICROMETER



DESCRIPTION

An unique portable laser micrometer with precise repeatability up to 3 μm . Can solve different measurement tasks as Edge1, Edge2, Diameter, Gap, Center, Solid. Micrometer can be powered with internal rechargeable battery or via PoE. Thanks to WIFI functionality you can quickly see measurement also on your mobile device.

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FEATURES

- Handheld Innovation in Non-Contact Measurement
- Battery Powered (runs from internal Li-Ion battery – up to 10 hours)
- Communication and battery charging over USB or Ethernet (POE)
- Wi-Fi (802.11b/g)
- Embedded LINUX OS including web server, SSH access
- Integrated web measuring application – remote access using mobile phone available (using Wi-Fi)
- 4GB memory
- 3900 measurements per second
- High resolution color OLED Display
- Membrane/capacitive Keyboard
- Laser Device (Laser Diode 670 nm Class I)
- Custom Modes Available: Centering, Minimum Measurement, Maximum Measurement, Thickness, Range of Tolerances

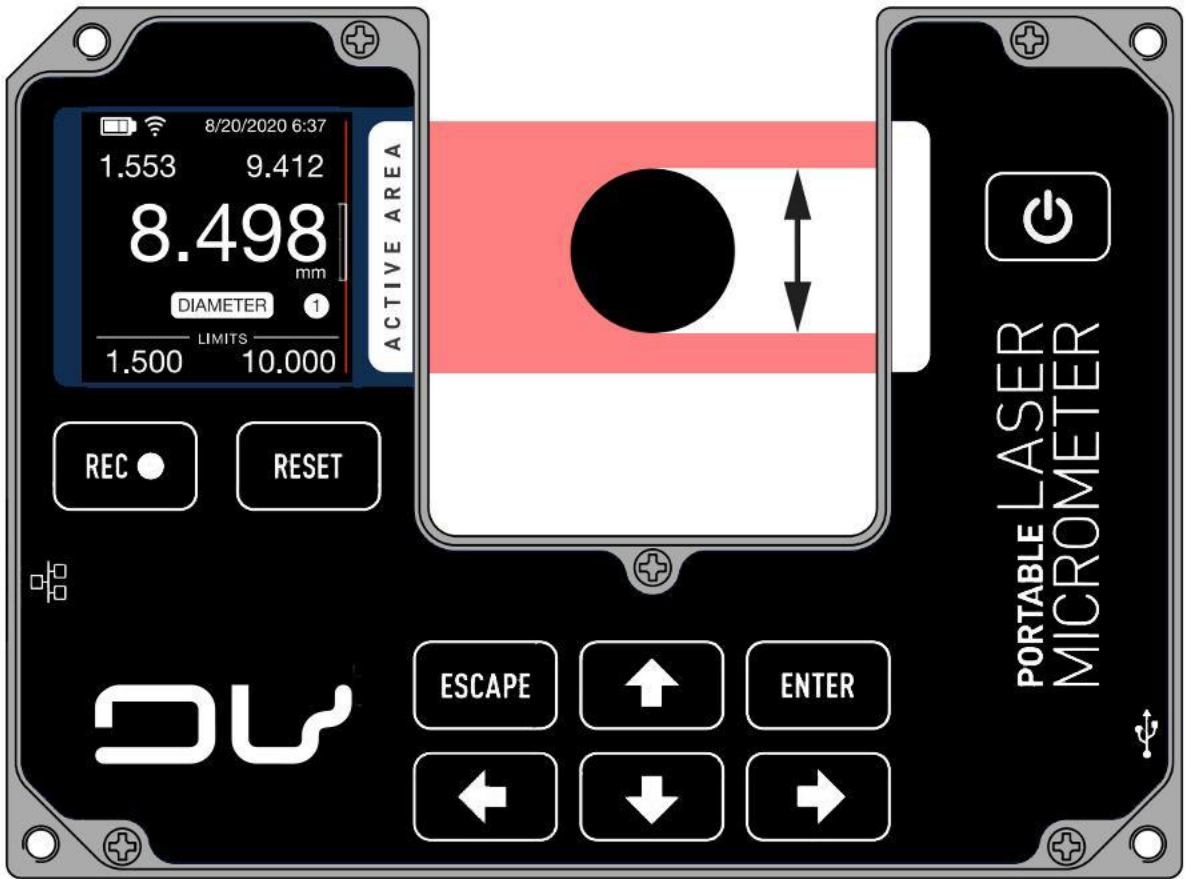
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TECHNICAL SPECIFICATION

Measurement Range	28 mm (1.10")
Resolution	0.4375 μ m
Repeatability	3 μ m (Edge Position, Calibrated Distance)
Response Time	0.333 ms
Non-Linearity	< 10 μ m (Edge Position, Calibrated Distance)
Measuring Modes	Edge1, Edge2, Diameter, Gap, Center, Solid
Measuring Trigger	Infinity Loop, Button (Start/Stop)
Power	USB Powered (5 V/150 mA) / Internal Li-Ion (up to 18 h running)
Wired Connection/Interface	Micro USB B, Ethernet
Wireless	Wi-Fi 802.11b/g
Display	OLED, 320 x 320
Memory	4GB FLASH
Overall Dimension	130.8 x 96.5 x 21.6 mm (5.15" x 3.8" x 0.85")

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