PRECISION AT YOUR FINGERTIPS
COMPACT, INNOVATIVE, RELIABLE



VERSATILITY FOR EVERY INDUSTRIAL SECTOR

The MicroDens portable density meter offers versatile measurement solutions for a wide range of industries, combining ease of use and accuracy in a compact, rugged design.

EASE OF USE AND ERGONOMIC DESIGN

MicroDens redefines the user experience in portable density meters, offering an intuitive interface and features that simplify even the most complex measurements.

MEASUREMENTS IN A FEW SECONDS

To perform a measurement , it is sufficient immerse the sampling tube directly In the sample . The result he comes acquired in a few seconds, allowing to the operator to pass quickly to the sample next .



CUTTING-EDGE MEMS TECHNOLOGY

Gibertini Elettronica has integrated the latest measurement technology based on microelectromechanical systems (MEMS) into the MicroDens , offering laboratory performance in a portable instrument.

MICRODENS

GIBERTINI
PRECISION SCALES

SPECIFICATIONS TECHNIQUES

DENSITY MEASUREMENTS

Interval:	0.600-1.200 g/cm³
Accuracy:	±0.0001 g/cm³
Repeatability:	±0.00005 g/cm³
Resolution:	0.00001 g/cm³

TEMPERATURE

Sample:	0- 6 0°C
Environment:	0 - 40°C
Accuracy:	±0.1°C
Resolution:	0.01°C

CHARACTERISTICS

Viscosity :	0-50 mPa s (0-5 mPa s calibrated)
Sample volume :	1 mL
Methods :	30 (10 standard +20 custom)
Memory:	2000 measurements
Display:	2.8" color touch screen
Connectivity:	Bluetooth, USB-C
Weight:	380 g

INTEGRATED STAIRS

- Density, Specific Gravity
- Alcohol % v/v, w / w , US Proof
- Brix/Plato
- KMW/Baumé

EXCLUSIVE MICRODENS BENEFITS

Advanced MEMS technology
Silicon microcircuit with omega-shaped channel that ensures extremely high precision measurements with difficult samples.

TempCompX
Temperature compensation system with customizable α coefficient to adapt to any type of sample.

ModeSens
Three selectable measurement modes (Precise, Quick, Manual) to optimize time and accuracy according to your needs.

SmartStabilizer
Adaptive filtering system and sample recognition for reliable and repeatable results in seconds.

KITS AND ACCESSORIES

MicroDens base	MD-100	Standard tube 170mm	MD-T170
Calibration	MD-CAL	MicroDens Dongle Key	MD-KEY
Grease kit oring	MD-CLN	Replacement battery	MD-BAT

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