

DENS4052 EXT

Density Meter Module

Lab-grade Precision

- ASTM D4052 & ISO 12185
- $r = 0.0001 \text{ g/cm}^3$

Portable & Rugged

- 1,3 kg Aluminum Housing
- X-oscillating U-tube made from Hastelloy

Maximum Reliability

- Vertically aligned U-tube design
- Bubble Detection
- Viscosity Correction

eralytics temperature-controlled density meter module **DENS4052 EXT** (patent pending) is an external option for high-precision density measurements in combination with all eralytics instruments. With only 1.3 kg of weight, it is the lightest and smallest density meter on the market measuring in full compliance with ASTM D4052 ($r = 0.0001 \text{ g/cm}^3$).



FEATURES AT A GLANCE

- Accurate density measurement compliant to ASTM D4052 & ISO 12185
- Vertically aligned U-tube design and bubble detection technology minimize the risk of trapping a bubble inside the U-tube
- Highly resistant against shocks and vibrations through its unique X-oscillating metal U-tube design
- The rugged, ultra-light aluminum housing allows measurements of all kinds of sample types also in harshest conditions like directly in the field or inside mobile laboratories.

TECHNICAL SPECIFICATIONS

Standard	ASTM D4052 & ISO 12185
Sample Volume	1 mL (2.2 mL per rinsing cycle)
Precision	Repeatability $r = 0.0001 \text{ g/cm}^3$
Temperature Range	10 °C to 25 °C (50 °F to 77 °F)
Measurement Time	5 minutes for a standard measurement
Operating Condition	10 °C to 40 °C (50 °F to 104 °F), Humidity up to 90%, non-condensing
Dimensions	13.6 x 8.6 x 10.6 cm (5.35 x 3.39 x 4.17 in)
Weight	1.3 kg