eralytics

trusted solutions.
re-imagined.

era**dens xs**

THE WORLD'S SMALLEST 5-DIGIT DENSITY METER

Easy sample filling
from the top

Ergonomic handle

Compatible with all
eralytics analyzers

Wireless operation
via Bluetooth®

24/7 Battery
operation

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ASTM D4052
precision in the field

Rugged, metal design
with only 2.1 kg

Technical Specifications of era**dens xs**

Standard	ASTM D4052, D5002, ISO 12185
Density Range	0 - 3 g/cm^3
Temperature Range	10 °C to 60 °C (50 °F to 140 °F)
Density Accuracy	0.00005 g/cm^3
Density Repeatability (SD)	0.00001 g/cm^3 (according to ISO 5725)
Density Resolution	0.00001 g/cm^3
Temperature Accuracy	0.02 °C (0.04 °F)
Measurement Time	15 sec (after temperature equilibration)
Minimum Sample Volume	2 mL
Oscillating Tube	Hastelloy
Bubble Detection[*]	yes
Viscosity Correction[**]	yes - full range correction
Operation	Mobile instrument operation with the **era**lytics app 'era**dens xs**' (available in all App stores)
Tables & Functions	API, sugar, alcohol, etc.
Interfaces	Micro-USB: Communication to an eralytics analyzer Bluethooth® : Communication to mobile device (mobile phone, tablet)
Power Requirements	110 – 240 VAC, 50 – 60 Hz, 120 W
Battery	8 h at 15 °C measuring temperature
Operating Conditions	5 °C - 45 °C up to 90 % rel. humidity (non-condensing)
Dimensions & Weight	W x D x H = 11 x 13 x 16 cm (4.3 x 5.1 x 6.2 in); 1.45 kg (3.2 lb) With battery: W x D x H = 11 x 13 x 21 cm (4.3 x 5.1 x 8.3 in); 2.1 kg (4.5 lb)

[*] patent pending
[**] patented: AT523471 (A1)

eralytics instruments are available worldwide.
An international network of over 50 authorized and well-trained distributors is ready to answer your inquiries and to offer local support and service. **www.eralytics.com/distribution**

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