

DA 850

Bench electronic densimeter

This bench electronic densimeter features a simple design and delivers highly accurate results in just 10 seconds from a small sample volume. It is perfectly suited for laboratories in the beverage industry, for measuring the density of distillates (for the purpose of determining the alcohol by volume) and other samples. The device complies with OIV recommendations.

Advantages

- Accuracy of $\pm 1 \times 10^{-5}$ g/cm³ (5 decimal places).
- Fast measurement (10 seconds).
- Supplied with laptop/tablet (contact us for details).
- Small sample volume (minimum 1.0 mL).
- Supplied with density standard liquid.
- 5 stability modes according to measurement accuracy and time.
- Integrated camera for bubble detection.
- Bubble detection ensured by a new flat seal.
- One-point calibration.
- Data transfer via LAN or USB.
- Manual or automatic sampling (air pump).
- Compact, space-saving design.



Ref. 395200

Technical features

	Measurement range	Precision
Density	0-3 g/cm ³	$\pm 1 \times 10^{-5}$ g/cm ³
Repeatability	5x10 ⁻⁶ g/cm ³	
Reproductibility	5x10 ⁻⁶ g/cm ³	
Temperature accuracy	± 0.03 °C	
Temperature range	0-100°C	
Set temperature	0 to 93°C	
Measurement principle	density by diapason method	
Method	Saves up to 1000 different methods in built-in-memory including measurement parameters, density auto correction, concentration conversion, ect.	
Calibration	at one temperature (eau distillée ou solution étalon)	
Data transfer	LAN : (connexion LIMS), USB 2.0, RS-232C	
Power supply	AC 100-240V; 50/60Hz (comes with AC adapter)	
Dimensions/Weight	295 x 330 x 255mm ; 19 kg	

Options

- Peristaltic pump
- Printer
- Auto Sampler



Applications

Beverages, alcoholic drinks, food products, oils and fats, perfumes, chemical and pharmaceutical products, petroleum and petrochemical products, biofuels, etc.