

# DA 645B

## Bench electronic densimeter



This simple bench electronic densimeter provides very accurate measurements in only 20 seconds from a very small volume of sample. It is perfectly adapted to laboratories in beverage industry for the measurement of the density of distillates (to determine the alcohol content) and samples. The device complies with OIV recommendations.

### Advantages

- Accuracy of  $\pm 2 \times 10^{-5} \text{ g/cm}^3$
- Quick measurement (20 seconds)
- 5.7-inch colour TFT LCD
- Small sample size (minimum 1.0mL)
- Delivered with density standard liquid
- Four modes of stability according to measurement accuracy and time
- Easy check of measurement cell : high-intensity LED and cell window ensures high visibility inside measurement cell
- No air bubble, no contamination and easy cleaning thanks to a new flat-type joint
- Calibration at one temperature : it enables measurement at different temps. from the temp. at which calibration is carried out
- Easy data transfer to a PC through USB flash drive and LAN



### Specifications

|                   | Measurement range   | Accuracy                     |
|-------------------|---|------------------------------|
| Density           | 0-3 g/cm <sup>3</sup>   | $\pm 0,00002 \text{ g/cm}^3$ |
| Temperature range | 0-93°C  |                              |
| Compensation T°   | Automatic or with conversion table or formula at your desired temperatures according to your samples  |                              |
| Principle         | density by diapason method  |                              |
| Measurement unit  | Density, specific gravity, Concentration, Brix  |                              |
| Calibration       | A calibration must be performed before any measurement is attempted right after the unit is turned on.<br>If the unit is left turned on, calibration must be performed once every three days. |                              |
| Data storage      | Up to 1100 samples  |                              |
| Output            | LAN, USB 1.1, RS-232C   |                              |
| Power supply      | AC 100-240V; 50/60Hz (supplied with adapter)  |                              |
| Dimensions/weight | 32x36x25cm ; 18 kg  |                              |

### Applications

Crude oil, petrochemical products, biofuels, chemical products, beverage, alcoholic drinks, food, fat and oil, fragrance, pharmaceutical, electronic parts, semiconductors, electricity

### LABORATOIRES DUJARDIN-SALLERON

872 Route de la Gare  
37210 NOIZAY - France  
Tél : 02 47 25 58 25  
Fax : 02 47 25 58 30  
info@dujardin-salleron.com  
www.dujardin-salleron.com