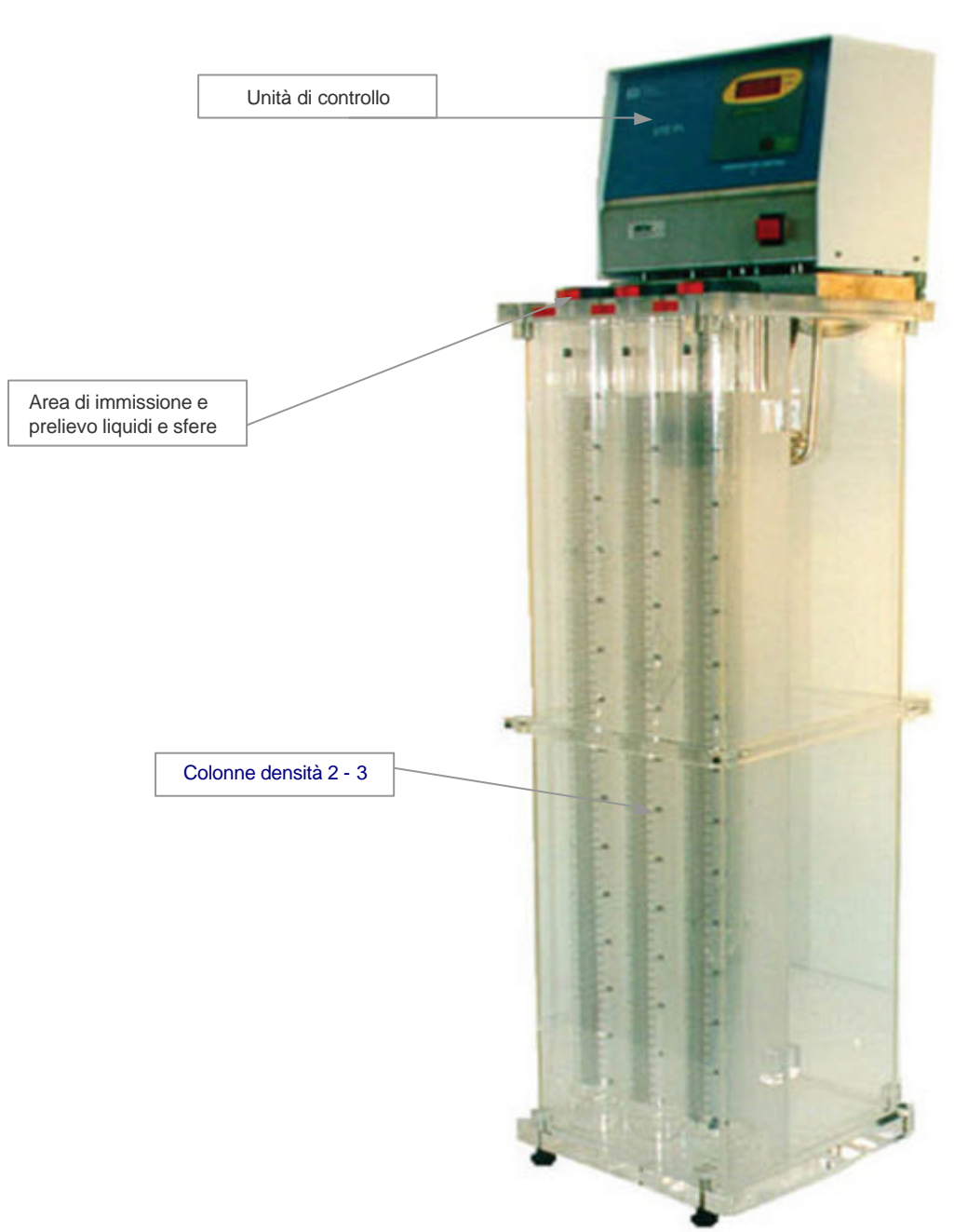


Gradient column



COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001/2000 =

Density Gradient Column is a method that enables determination of the density according to ASTM D 1505, BS 3715 and ISO 1183 standards.

The instrument permits determinations on solid materials at a temperature of 23°C ($\pm 0.1^\circ\text{C}$), with a 0.0001 g/cm^3 accuracy, within a measuring range of $0.8 \div 3.3 \text{ g/cm}^3$, basing on the adopted marker floats (not included) at known density.

- Perspex bath capacity: 45 litres.
- Two or three thermostated columns (850 mm in length, 55 mm in \varnothing , scaled any in mm) basing on model.
- Thermostatic unit that includes
 - Digital control of temperature (range: ambient $\div 50^\circ\text{C}$)
 - Cooling coil
 - Water inlet (at $16 \div 50^\circ\text{C}$).
 - Water outlet
- Pump for an ellipsoid flow of thermostatic fluid into the bath.
- Motorised system for retrieving samples and floats.
- Gravity Filling System, code 1006012 upon request (not included).
- Overall dimension: 310x310x1080h mm.
- Weight: 10 kg (approx.).
- Power supply: 230V, 50Hz, 2kVA.

Two column model

Code 1006000 -

Three column model

Code 1006010 -

Accessories and spare parts

- Gravity Filling System, including a metal stand (painted with epoxy resins), a magnetic stirrer, a couple of conical flasks (200 ml capacity), glass taps, couplings and capillary pipe. Overall dimension, 500x160 mm. Weight, 6 kg. Power supply, 230V, and 50Hz.

Code 1006012



- Glassware (for filling system code 1006012).

Code 1006013

- Bi-distilled water (5000 ml).

Code 9307582

- Ethyl alcohol, anhydrous (1000 ml).

Code 9414577

Marker floats

- Marker float set at known density ($0.8400 \div 1.9999 \text{ g/cm}^3$), 8 off.

Code 1006001

- Float at known density ($0.8400 \div 1.9999 \text{ g/cm}^3$), 1 off.

Code 1006005

- Float at known density (2.0000 g/cm^3 and over), 1 off.

Code 1006007

- Floor stand (for filling system code 1006012).

Code 1006017

Indications reported on this bulletin may be changed without notice, codes and references for informative purposes only.

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