



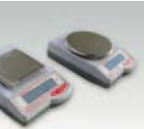
DENSI ALCOMAT



laboratory
balances



industrial
scales



instruments
for paint



oenological
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digital
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GIBERTINI ELETTRONICA SRL

www.gibertini.com

Agence Nord:
Bâtiment LETNA
Boulevard de l'espérance
14123 Cormelles le Royal
tél : 02.31.34.50.74
fax : 02.31.34.55.17



Agence Est:
Parc Club des Tanneries
2 Rue de la Faisanderie
67380 Lingolsheim
tél : 03.88.04.01.81
fax : 03.68.93.01.52

www.deltalabo.fr
info@deltalabo.fr

Agence Sud:
Bât Le Venango, 392 Rue Jean Dausset
AGROPARC - BP11575
84916 Avignon Cédex 9
tél : 04.90.27.17.95 fax : 04.90.27.17.52

ISO 9001:2008



LAT N° 094

Il Centro Accredia LAT n. 094 è accreditato per tarature di bilance, microdosatori e soluzioni idroalcoliche. Per i dettagli consultare la tabella di accreditamento su www.accredia.it
ACCREDIA LAT Center n. 094 is accredited for balances, microdosimeters and hydroalcoholic solutions calibration. For details consult the accreditation table on www.accredia.it

DENSIMETER

Mod. DENSI ALCOMAT

Densimeter fully automatic instrument to determine Alcoholic Strength by Volume (ASV) on the distillate in 5 seconds.

FUNCTIONS

The readout of the Alcoholic Strength by Volume is shown on a large graphic led screen simultaneously with the readout of temperature, density at 20°C and other parameters.

TECHNICAL CHARACTERISTICS

- **Alcoholic strenght by volume (ASV)**
 - Reading range 0,13÷99,98% vol
 - Readability 0,01% vol
 - Readability and reading repeatability ±0,03% vol (beetween 15 and 25°C)
- **Density**
 - Measurament range for the relative density 0 5÷2,25 (d20/20)
 - Readability and reading repeatability 0,00005 ± 0,00005
- **Total Dry Extract**
 - Range of values: 0,0÷505,8 g/l of sucrose
 - Readability and reading repeatability ±0,3 g/
- **Musts evaluation(d20/20)**
 - Relative density (d20/20) range 1,04÷1,16
- **Termometer:**
 - Type Thermo probe in platinum Pt 100 1/3 DIN
 - Readability 0,05°C
 - Reading repeatability ±0,05°C (in the range 10÷30°C)
 - Readability 0,1°C

Power tension: 100/240 Vac 50/60Hz
Power consumption: 10VA
Operating temperature: 10÷30°C (suggested 15÷25°C)
Dimensions: 210x370x380 mm (LxDxH)
Net weight: 8,5Kg

Data output: RS232 I/O
Response time : 6 sec.
Autocalibration with internal mass: Yes
Languages: Italian, German, English, French, Spanish

Standard equipment: Power pack, 1 hydrorepellent floater interchangeable in mass and volume, certified hydroalcoholic solution RMP, double wall cylinder

On request: Floaters with certificate, ACCREDIA RMP solutions (5÷60%ASV)

FLOATERS INTERCHANGEABLE IN MASS AND VOLUME

A special care is devoted to the construction and calibration of the floaters.

They are all interchangeable in mass and volume to simplify their use; for example, it is possible to use two different floaters to determine the relative density of a must or a wine; so that sample pollution is avoided.

In order to achieve what mentioned before, the suspension wire realized with a non-magnetic and stainless material, with a diameter less or equal to 0.20 mm. and the superficial treatment of the floater's glass were object of thorough studies to nullify the problems caused by the surface tension, by the wire's own volume, and by the electrostatic charges.

Subject to technical changes without notice.

All our instruments are to be used exclusively for scientific purpose and/or for internal control only. They must not be used in environments with danger of explosions.

The use of our balances is forbidden in the cases provided by art. 1, point 2, letter a) of directive 2014/31/UE except for those models approved with CE mark (legal metrology).

Electronic balances are sensible to the variation of the acceleration of gravity. They must be calibrated on the working site (2014/31/UE).

All our instruments comply with directive 2004/108 UE (electromagnetic compatibility)