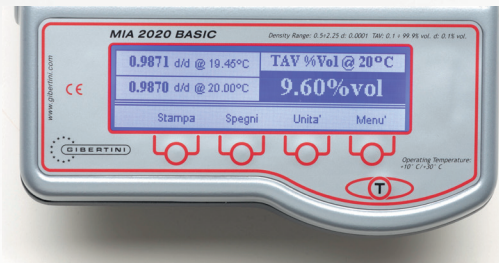




MIA2020



MIA2020 BASIC



laboratory electronic balances & oenological equipments



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ISO 9001:2015



LAT N. 094
RMP N.094

Il Centro ACCREDIA LAT n. 094 è accreditato per tarature di bilance e di microdosatori.
Il Centro ACCREDIA RMP n. 094 è accreditato come produttore di materiali di riferimento (soluzioni idroalcoliche). Per i dettagli consultare le tabelle di accreditamento su www.accredia.it.
ACCREDIA LAT Center n. 094 is accredited for balances and microdosimeters calibration.
ACCREDIA RMP Center n. 094 is accredited as reference material producer (hydroalcoholic solutions).
For details consult the accreditation tables on www.accredia.it.

laboratory
balances



industrial
scales



instruments
for paint



oenological
equipments



digital
tensiometer



calibrated
masses



HYDROSTATIC BALANCE MIA2020

Fully automatic densimeter for determination of Alcoholic Strength by Volume (ASV) on the distillate.

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 FEATURES

▪ **Alcoholic strength by volume (ASV)**

| | |
|---------------|-----------------------------------|
| Reading range | 0,050÷99,980% vol |
| Readability | 0,005% vol |
| Repeatability | ±0,01% vol (between 15° and 25°C) |

▪ **Density**

| | |
|------------------------|-------------------|
| Relative density range | 0 5÷2,25 (d20/20) |
| Readability | 0,00001 |
| Repeatability | ± 0,00002 |

▪ **Temperature:**

| | |
|---------------|---|
| Type | Thermo probe in platinum Pt 100 1/3 DIN |
| Readability | 0,05°C |
| Repeatability | ±0,05°C (in the range 10÷30°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 s |
| Autocalibration with internal mass: | Yes |
| Languages: | Italian, English |

Standard equipment: Power supply, 1 hydro repellent floater interchangeable in mass and volume, Accredia RMP certified hydroalcoholic solution, double wall cylinder.

On request: Floaters with certificate, Accredia (Italian Accreditation Body) Certified Reference Material Hydroalcoholic solutions (5÷60%ASV)

INTERCHANGEABLE FLOATERS 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 2014/30 UE (electromagnetic compatibility)