Oenology Sector–
Hydrostatic Balance

MIA2020



- Simple Weighing
- RS232
- Density / Density@20°C
- TAV%
- Italian/English
- PT100 THERMOPROBE

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Characteristics

large graphic LCD display
Languages : English, Italian

Technical Specification

Automatic Internal Calibration	
Power Tension	100/240 Vac 50/60 Hz
Power Consumption	10 VA
Operating Temperature	10 ÷ 30 °C (suggested 15 ÷ 25 °C)
Dimensions (L x D x H)	210 x 370 x 380 mm
Data Output	RS232 I/O
Net Weight	8,5 kg

Standard Equipment

Power Supply
1x hydro repellent floater calibrated in weight and volume
double wall glass cylinder
Hydroalcoholic solution Accredia RMP certified (Certified Reference Material)

Hydrostatic Balance

Model	Relative density range $d_{20/20}$	Division g	Repeatability g	Calibration	Response Time
MIA 2020	0,5 ÷ 2,25	0,00001	± 0,00002	Internal	6 sec.
MIA 2020 BASIC	0,5 ÷ 2,25	0,0001	± 0,0002	Internal	6 sec.

ALCOHOLIC STREGNHT BY VOLUME (ABV)

	MIA 2020	MIA 2020 BASIC
Intervallo di lettura	0,050 ÷ 99,980 %vol	0,1 ÷ 99,9 %vol
Readability	0,005 %vol	0,1 %vol
Accuracy e repeatability	± 0,01 %vol (between 15 and 25 °C)	± 0,1 %vol (between 15 and 25 °C)

Temperature

Type	Platinum thermoprobe Pt100 1/3 DIN
Temperature Range	from 5°C a 35 °C
Readability	0,05 °C
Repeatability	± 0,05 °C (between 10°C ÷ 30 °C)

TOTAL DRY EXTRACT - only with Alcosoft 3 software

Reading Range	0,0 ÷ 505,8 g/l di saccarosio
Accuracy & Repeatability	± 0,3 g/l

MUSTS EVALUATION - only with Alcosoft 3 software

Relative density range d20/20	1,04 ÷ 1,16
Parameters	Grado Brix, Baumé, Babo, Oechsle, Plato

ACCESSORIES ON REQUEST
Hydroalcoholic solution Accredia RMP certified (Certified Reference Material) - range 5 ÷ 60 % vol
Gravimetric scale calibration kit (metrological control pan, 50 g class E2 weight with or without Accredia calibration certificate, tweezers)
Software Alcosoft 3 supplied with Mini PC Touchscreen reading module
Brother QL-700 label printer supplied with label configuration software P-Touch Editor, supply cable, USB cable , 1 label tape (Alcosoft 3 software required for printer use)

Subject to technical changes without notice.
Instruments intended for scientific purpose and/or for internal control only. They must not be used in environments with danger of explosions. Use of our
scales 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)

For further information visit www.gibertini.com