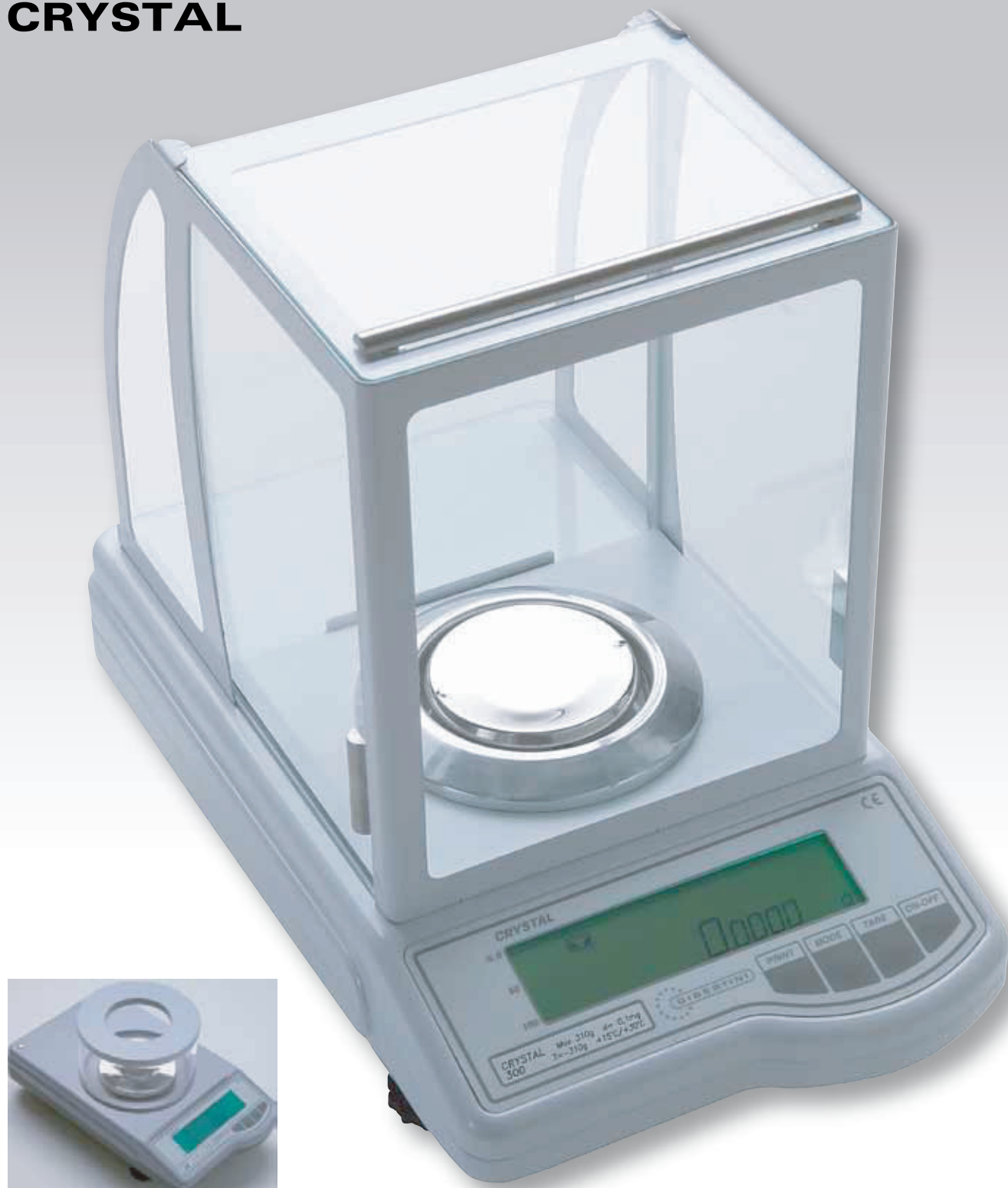


# CRYSTAL



modello con cilindro in vetro

## laboratory electronic balances & oenological equipments

laboratory  
balances



industrial  
scales



instruments  
for paint



oenological  
equipments



digital  
tensiometer



calibrated  
masses



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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](http://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](http://www.accredia.it).

# MAGNETIC COMPENSATION ANALYTICAL BALANCES – CRYSTAL series WITH EUROPEAN METROLOGIC APPROVAL

## FUNCTIONS AND CHARACTERISTICS

- LCD display with small decimal digits
- Membrane keyboard, water proof and solvent resistant, easy to use with TARE, ON/OFF, PRINT and MODE keys
- Indication of the reached stable weight
- Bar-graph indicator of dosage and remaining capacity of the balance
- Parameters configurable by menu: reading in g (grams), lb (pound), oz (ounce), ct (carats), pcs (pieces), % (percentage)
- Full scale automatic calibration with internal and/or external mass
- Weighing underneath the balance
- Selectable response time "fast/slow" (see table)

## TECHNICAL SPECIFICATIONS

- Data output: RS232 I/O adjustable
- Operating temperature: 10° ÷ 35°C (optimum 18° ÷ 28°C)  
15° ÷ 25°C for models with CE mark (Legal metrology)
- Power supply: 100 ÷ 240 VAC
- Power consumption: 200 mA
- Dimensions ( W x D x H): 216 x380 x 335xmm
- Weighing chamber dim. (W x D x H): 180 x 150 x 200 mm (except for mod. CRY 500 CE/C that has a glass cylinder)
- Net weight: 7 kg

## ON REQUEST

- CE version (legal metrology) according to Directive 2009/23 EC (only for "CAL" models)
- Liquids and solids density measuring devices
- Remote command to activate various signals: print, tare, etc.
- Executions with special capacity

<i>Model</i>	<i>Capacity</i>	<i>Readability mg</i>	<i>Linearity mg</i>	<i>Repeatability mg</i>	<i>Response time</i>	<i>Pan mm</i>	<i>Calibration</i>
<b>CRYSTAL 100 CE</b>	110	0,1	± 0,2	± 0,05	6/10 sec.	Ø 80	Internal
<b>CRYSTAL 200 CE</b>	210	0,1	± 0,2	± 0,05	6/10 sec.	Ø 80	Internal
<b>CRYSTAL 300 CE</b>	310	0,1	± 0,2	± 0,05	6/10 sec.	Ø 80	Internal
<b>CRYSTAL 500 CE</b>	510	1	± 2	± 1	5/8 sec.	Ø 110	Internal
<b>CRYSTAL 500 CE/C</b>	510	1	± 2	± 1	5/8 sec.	Ø 110	Internal

metrological version according to 2014/31/UE

*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)*