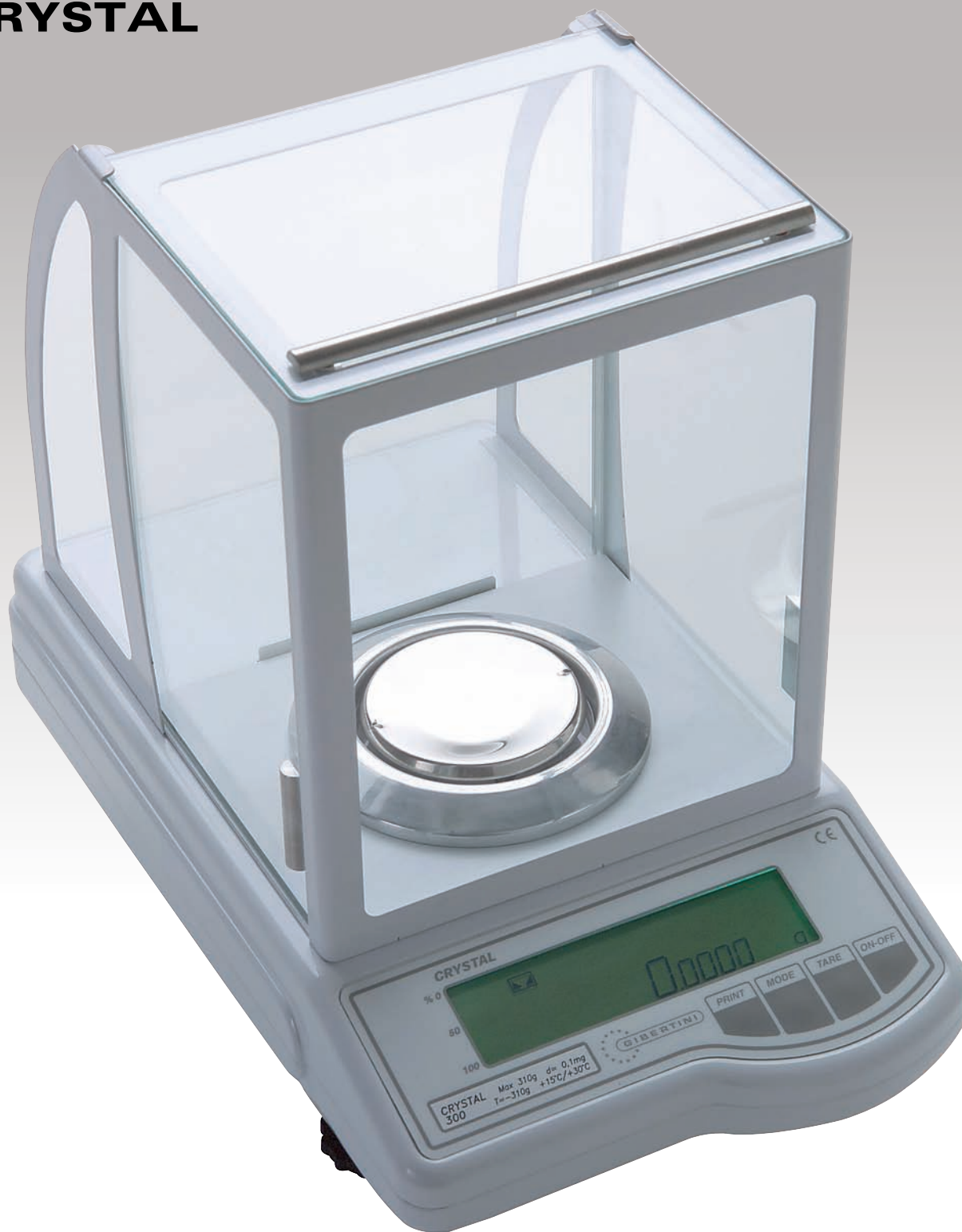
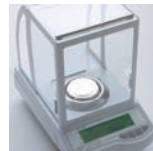


# CRYSTAL



laboratory  
balances



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scales



instruments  
for paint



oenological  
equipments



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**laboratory electronic balances & oenological equipments**



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SIT n. 94

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# MAGNETIC COMPENSATION ANALYTICAL BALANCES – CRYSTAL series

## 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
- Net weight: 7 kg

## ON REQUEST

- CE version (legal metrology) according to Directive 90/384 EEC (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 g</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 SMI</b>	110	0,1	± 0,2	± 0,05	6/10 sec.	Ø 80	External
<b>CRYSTAL 100 CAL</b>	110	0,1	± 0,2	± 0,05	6/10 sec.	Ø 80	Internal
<b>CRYSTAL 200 SMI</b>	210	0,1	± 0,2	± 0,05	6/10 sec.	Ø 80	External
<b>CRYSTAL 200 CAL</b>	210	0,1	± 0,2	± 0,05	6/10 sec.	Ø 80	Internal
<b>CRYSTAL 300 CAL</b>	310	0,1	± 0,2	± 0,05	6/10 sec.	Ø 80	Internal
<b>CRYSTAL 500 CAL</b>	510	1	± 2	± 1	5/8 sec.	Ø 110	Internal
<b>CRYSTAL 1000 SMI</b>	1010	1	± 2	± 2	2/4 sec.	Ø 110	External

*SUBJECT TO TECHNICAL CHANGES WITHOUT NOTICE.*

*ALL OUR INSTRUMENTS ARE INTENDED TO EXCLUSIVE 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 90/384 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 (90/384 EEC).*

*ALL OUR INSTRUMENTS COMPLY WITH DIRECTIVE 2004/108 EEC (ELECTROMAGNETIC COMPATIBILITY)*