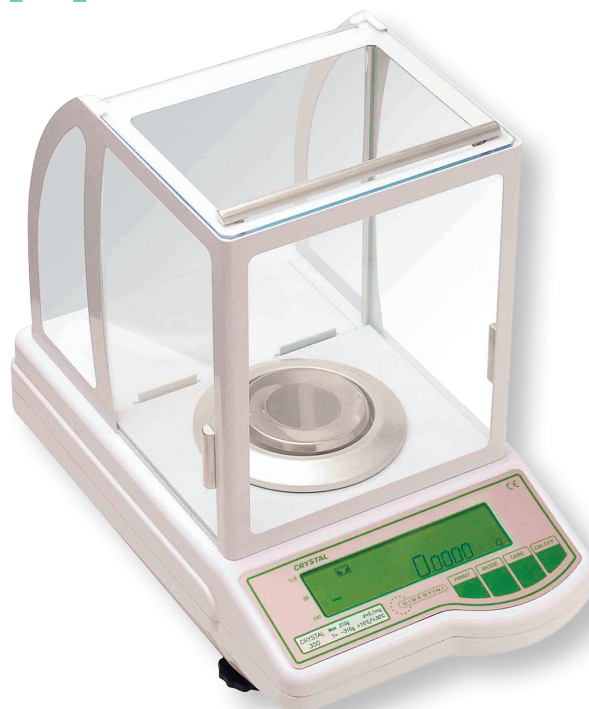


## Affordable Weighing Solutions for Laboratory Applications



Electronic  
Moisture Balance



Analytical Balances  
Crystal Series 0.0001 g to 1000 g

European Quality at Budget Conscious Prices



Technical Balances  
EU-LCD Series  
0.01 g to 10,000 g

For Scale Repairs and Calibrations

Sales & Service: 1 300 669 162 Sydney, Melbourne, Brisbane, Adelaide, Perth  
Fax: 1 300 302 320 Website: [www.nationalweighing.com.au](http://www.nationalweighing.com.au)



# Crystal/EU-C 'LCD' Series – Balances

## Technical Specifications

### General Functions

- LCD display with small-size decimal digits, for easier and more immediate reading
- Waterproof and acid resistant membrane keyboard. Easy to use with the ON/OFF, TARE, MODE and PRINT keys (RANGE/PRINT for DR Model)
- 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)
- Enhanced anti-shock system
- Body made of die-casted alloy and ABS
- Data output: RS232 or USB
- Operating temperature: 10°C+ 40°C
- International power supply unit: 240 VAC

### EU/LCD Balance

- Automatic end of range calibration (with external mass supplied on request)
- Memory of the current weight in case of power failure
- Load cell nearly unbreakable and without transportation problems
- Battery units available as an option
- Dimensions ( W x D x H ): 215 x 330 x 95 mm
- Weight: 3 Kg ~

### Crystal Balance

- Full scale automatic calibration with internal and/or external mass
- Weighing underneath the balance
- Selectable response time: "fast/slow" (see table)
- Power consumption: 200 mA
- Dimensions: ( W x D x H ): 216 x 380 x 335 mm
- Weighing chamber dim.: ( W x D x H ): 180 x 150 x 200 mm
- Net Weight: 7 Kg

### On Request

- Masses in class F1 for calibration
- Special executions on request
- Liquids and solids density measuring devices
- Remote command to activate various signals: print, tare, etc.
- Executions with special capacity

Model	Capacity g	Readability g	Linearity g	Repeatability g	Response Time	Pan mm	Data Output
EU-C 2002	≥ 2000	0.01	± 0.02	± 0.02	2s	150 x 150	RS 232/USB
EU-C 4002	4200	0.01	± 0.02	± 0.02	2s	150 x 150	RS 232/USB
EU-C 7500PQ	7500	0.1	± 0.3	± 0.3	1s	190 x 190	RS 232/USB
EU-C 7500PT	7500	0.1	± 0.3	± 0.3	1s	∅ 190	RS 232/USB
EU-C 7500DR	950 7500	0.01 0.1	0.05 0.1	0.05 0.1	1.5s 1s	∅ 190	RS 232/USB
EU-C 10000PT	10200	0.1	± 0.3	± 0.3	2s	∅ 190	RS 232/USB

Model	Capacity g	Readability mg	Linearity mg	Repeatability mg	Response Time	Pan mm	Calibration
CRYSTAL 100 CAL	110	0.1	± 0.2	± 0.05	6/10 sec	∅ 80	Internal
CRYSTAL 200 CAL	210	0.1	± 0.2	± 0.05	6/10 sec	∅ 80	Internal
CRYSTAL 300 CAL	310	0.1	± 0.2	± 0.05	6/10 sec	∅ 80	Internal
CRYSTAL 500 CAL	510	1	± 2	± 1	5/8 sec	∅ 110	Internal
CRYSTAL 1000	1010	1	± 2	± 2	2/4 sec	∅ 110	External

Subject to technical changes without notice.

All our instruments are intended for exclusive non-trade purpose and/or for internal controls. They must not be used in environments with danger of explosives.

The use of our balances is forbidden in the cases provided by Art. 1. Point 2. Letter (A) of directive 901384, except for those models approved with CE Mark (Legal Metrology).

Electronic Balances are sensitive to the variation of the acceleration of gravity. They must be calibrated on the working site (901384 EEC).

All our instruments comply with directive 2004/108 EEC (Electromagnetic compatibility).