COMECTA Precision Analytical Balances “Crystal” and “Eternity” series

RS232

COMMON FEATURES

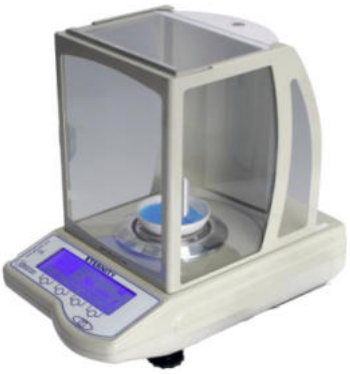
Easy-to-read display with seven-segment digits.
Easy-to-operate, solvent-proof, waterproof membrane keypad with TARE, ON/OFF, PRINT and MODE keys.
Stable weighing indicator.
Operating temperature: optimum from 18 to 25 °C).
Voltage: 100 to 240V - 15% + 10%, Consumption: 200 mA.
Automatic calibration by internal weight (external upon request).
Bar graph that allows to know the remaining weighing capacity at any time.
Power supply voltage: 100/240 VAC.
Supplied with protective cover and instruction manual.
Data interface: Possibility of installing any printer by means of RS-232.

CRYSTAL FEATURES

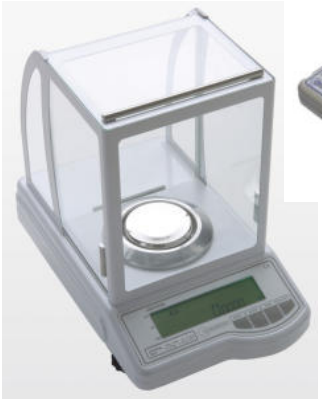
Weighing range in g (grams), oz (ounces), pcs (pieces) and % (percentage).
Lineability ± 2LSD.
Stabilization time: 6 seconds (Crystal 100, 200 and 300). 5/8 seconds (Crystal 500) (fast/slow).
Maximum capacity: 110 to 510

ETERNITY FEATURES

Weighing range in g (grams), oz (ounces), pcs (pieces), % (percent), lb (pounds), ct (carats), mo (momme), t (tola), ozt (troy pound), GN (grain), tLH (Tael Hong Kong) tLT (Tael Taiwan).
Lineability ± 0.2 mg.
Stabilization time: 4/6 sec. depending on the selected response time (fast/slow).Easy access to the leveling bubble, includes software with density measurement, standard deviation, and standard deviation.



Eternity Model



Crystal Model

MODELS	Code	Max. weighing capacity g	Accuracy ±g	Lineability ±g	Height / Width / Depth (outside) cm	Stab. time (seconds)	Height / Width / Depth (cabin) cm	Ø plate cm	Weight Kg
CRYSTAL 100 CE	5830112	110	0,0001	0,0002	33,5 21,5 38	6/10	20 18 15	8	7
CRYSTAL 200 CE	5830212	210	0,0001	0,0002	33,5 21,5 38	6/10	20 18 15	8	7
CRYSTAL 300 CE	5830312	310	0,0001	0,0002	33,5 21,5 38	6/10	20 18 15	8	7
CRYSTAL 500 CE	5830512	510	0,001	0,002	33,5 21,5 38	6/10	20 18 15	11	7,5
ETERNITY 1000 SMI	5830715	1010	0,001	0,002	33,5 21,5 38	6/10	20 18 15	11	7,5
ETERNITY 100 CAL	5830710	120	0,0001	0,0002	31 21 36	4/6	24 18 15	8	7
ETERNITY 200 CAL	5830711	220	0,0001	0,0002	31 21 36	4/6	24 18 15	8	7
ETERNITY 300 CAL	5830712	320	0,0001	0,0002	31 21 36	4/6	24 18 15	8	7

Crystal CE models only with metrological version according to CEE directive 90/384
CAL: INTERNAL CALIBRATION
SMI: WITHOUT INTERNAL CALIBRATION

Dual range (micro/macro) precision analytical balance “E 50 S/3”

FEATURES

Balance with double weighing range (micro and macro).
Display with easy-to-read seven-segment digits.
Stabilization time: 3/5 sec. 6/8 sec. in 0,01g range.
Data interface: RS-232 VO and USB.
Operating temperature: from 10 to 30 °C.
Voltage: 220V (-15% + 10%) / 50Hz
Tare range by subtraction up to maximum capacity.
Automatic calibration by internal weight.
Led indicator of stable weighing.
Bubble level and height adjustable feet
Hydrostatic weighing by means of lower housing.
Exclusive anti-shock system for overload protection.
Solvent-proof and easy to operate membrane keypad,
with TARE, ON/OFF, MODE/PRINT keys.
Maximum ease of access through side and top windows.
Supplied with protective cover, brush and instruction manual.



USB
RS232

MODEL	Code	Max. weighing capacity g	Accuracy ±g	Lineability ±g	Height / Width / Depth (total) cm	Height / Width / Depth (cabin) cm	Ø plate cm	Weight Kg
E 50 S/3	5830054	225	0,0001	0,0003	32 21 34	22 18 17	8	11
(double rank)		100	0,00001	0,00002				

Supply voltage: 100/240 VAC.