ViBRA®
Measure the Future

MMTS
5-Year Warranty

COMPACT CARAT BALANCE
CT series

The **Light & Compact** Carat Balance
That Revolutionizes the Concept of 0.001-ct Measurement

Roll-top shield

(Patent pending)

The roll-top shield
is newly developed for improved operability of carat balances

CT-600E
(600ct / 0.001ct)

3 Sliding door shield

CT-1600TE
(1600ct / 0.01ct)

- **Newly developed MMTS** (Mono-metal tuning-fork sensor)
- **Incredibly high resolution** from an **ultra-compact system**
- **Quick response and high stability**
- **Roll-top Shield's frontal access makes weighing easy**

SHINKO DENSHI CO., LTD.

Roll-top shield allows frontal access for effortless weighing

Shield stopper keeps the shield from unexpectedly closing

Anti-electrostatic shield body is made of a special material that permanently prevents static electricity

Large LCD display is 16.5-mm high for easy viewing

*Carat pan is optional.

Elegant curved design makes the balance blend in with a jewelry shop's ambience

RS-232C interface allows data output to satellite displays, printers, etc. (standard feature)

Optional rechargeable battery allows continuous operation for 32 hours in any location

Dry cell battery operation (DB type) Balance runs continuously on 9V battery for more than 20 hours, 10 hours with RS-232C
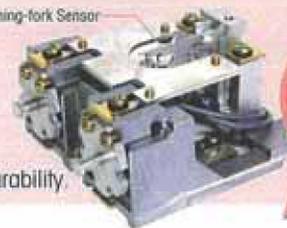
Newly developed MMTS (Mono-Metal Tuning-fork Sensor)
[Patent pending]
Not only does the tuning-fork sensor provide quick response and stability, but its newly developed MMTS also realizes a high resolution of 1/600,000.

5-year warranty
MMTS is covered by a 5-year warranty that attests to its long-term stability and durability.
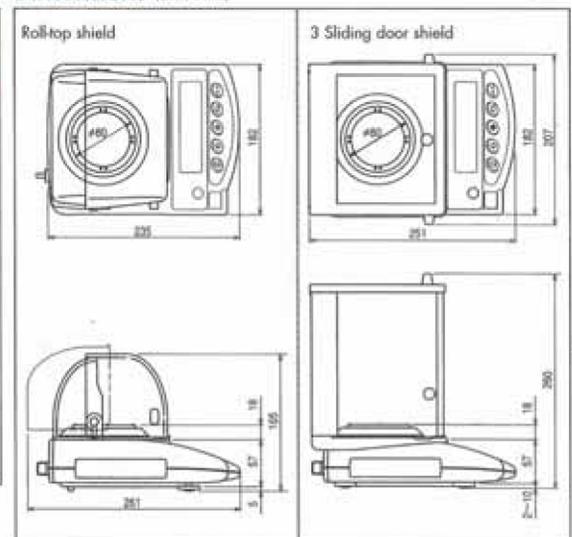
Tuning-fork Sensor

MMTS 5-Year Warranty

Specifications

Model with EC approval*	CT-600E CT-600DBE CT-600CE CT-600DBCE	CT-1600E CT-1600DBE CT-1600CE CT-1600DBCE	CT-600TE CT-600TDBE CT-600TCE CT-600TDBCE	CT-1600TE CT-1600TDBE CT-1600TCE CT-1600TDBCE
Capacity	600ct	1600ct	500ct	1600ct
Readability	0.001ct	0.01ct	0.001ct	0.01ct
Repeatability(s)	0.001ct	0.01ct	0.001ct	0.01ct
Non-Linearity	±0.004ct	±0.02ct	±0.004ct	±0.02ct
Shield	Roll-top shield		3 Sliding door shield	
Pan size	⌀80mm			
Dimensions	235×182×165mm		251×207×260mm	
Power source	AC120/230V DC9V			
Output	RS-232C			
Measuring system	Tuning-fork frequency sensing (MMTS)			
Tare	Full weighing range			
Calibration	With external weight			
Display	LCD (16.5mm high)			
Weight	Approx. 1.6kg		Approx. 2.4kg	

*CT-XXXCE stands for EC approval models. CT-XXXDB(C)E stands for dry cell batty models.

Dimensions (unit : mm)

Roll-top shield

3 Sliding door shield

Options & Peripherals
AJBT(S): Rechargeable battery (12-hr charge, 32-hr operation, not available for dry cell battery type)
CTCP: Carat pan   SDI/SDR: Satellite display   RTS: Database software for Windows

The contents of this catalogue are subject to change due to modifications and/or other reasons.