# SJseries

# CTseries

## Basic Precision Balance
### Indispensable functions with reasonable budget

**Highly usable basic applications**
SJ series offers basic applications in user-friendly operations to make weighing work easier : percentage weighing, counting, comparator, etc…

**Short stabilization & stable indication**
SJ series offers short stabilization time and stable indication. It promises stress-free weighing routine works.

**Portability**
SJ series can be operated with rechargeable battery option. And all features are well combined in quite compact body. It realizes high-portability of precision balance.

Roll-top type

Three-sliding type

## Carat Balance
### Light and compact balance for jewelers

**Compact housing**
CT series is equipped with unique "Roll-top" windshield. It enables user to access the balance from front and reduces the volume of balance housing. Standard three-sliding windshield model is also available.

**Readability from 0.001ct to 0.01ct**
0.001ct readability with capacity 600ct is very much fitted to weighing of diamond. It is typically used in diamond jewelry shops and diamond manufacturers.

## Specifications

| Model name | SJ-220E SJ-220CE | SJ-420E SJ-420CE | SJ-620E SJ-620CE | SJ-1200E SJ-1200CE | SJ-2200E SJ-2200CE | SJ-4200E SJ-4200CE | SJ-6200E SJ-6200CE | SJ-12KE SJ-12KCE |
|---|---|---|---|---|---|---|---|---|
| Capacity | 220g | 420g | 620g | 1200g | 2200g | 4200g | 6200g | 12000g |
| Readability (d) | 0.01g | 0.01g | 0.01g | 0.1g | 0.1g | 0.1g | 0.1g | 1g |
| Verification intervals (e) *1 | 0.01g | 0.01g | 0.1g | 0.1g | 0.1g | 0.1g | 1g | 1g |
| Repeatability | 0.01g | 0.01g | 0.01g | 0.1g | 0.1g | 0.1g | 0.1g | 1g |
| Linearity | ±0.01g | ±0.01g | ±0.01g | ±0.1g | ±0.1g | ±0.1g | ±0.1g | ±1g |
| Stabilization time | 2.5 sec. | 2.0 sec. | 2.0 sec. | 2.0 sec. | 2.5 sec. | 2.5 sec. | 3.0 sec. | 2.5 sec. |
| Pan size | 140mm dia. | 140mm dia. | 140mm dia. | 170×142mm | 180×160mm | 180×160mm | 180×160mm | 180×160mm |
| Calibration | External | External | External | External | External | External | External | External |

*1 "CE" models are OIML class II approved. Verification interval "e" is available only in "CE" models.

*For options, please see page 41.

## Specifications

"Roll-top" windshield type

| Model name | CT 603 CT 603CE | CT 1602 CT 1602CE |
|---|---|---|
| Capacity | 600ct | 1600ct |
| Readability (d) | 0.001ct | 0.01ct |
| Verification intervals (e)*1 | 0.01ct | 0.1ct |
| Repeatability | 0.001ct | 0.01ct |
| Linearity | ±0.003ct | ±0.01ct |
| Stabilization time | 4.0 sec. | 4.0 sec. |
| Pan size | 80mm dia. | 80mm dia. |
| Calibration | External | External |

Three-sliding windshield type

| Model name | CT 603G CT 603GCE | CT 1602G CT 1602GCE |
|---|---|---|
| Capacity | 600ct | 1600ct |
| Readability (d) | 0.001ct | 0.01ct |
| Verification intervals (e)*1 | 0.01ct | 0.1ct |
| Repeatability | 0.001ct | 0.01ct |
| Linearity | ±0.003ct | ±0.01ct |
| Stabilization time | 4.0 sec. | 4.0 sec. |
| Pan size | 80mm dia. | 80mm dia. |
| Calibration | External | External |

*1 "CE" models are OIML class I & II approved. Verification interval "e" is available only in "CE" models.

*For options, please see page 41.