

Sophisticated Weighing Solution for Lab Professionals

**VIBRA**<sup>®</sup>

# Catalogue

## Precision Balance



ISO 9001  
JQA-2B34  
TSUKUBA



TECO  
ISO 14001:2004  
ER-D0130

**SHINKO DENSHI CO., LTD.**

# SJ series



Pharmacy

Industry

Jewelry

## 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.



## 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.

# CT series



Jewelry

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

"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.

**SHINKO DENSHI CO., LTD.**

3-9-11 Yushima, Bunkyo-ku, Tokyo 113-0034, JAPAN

TEL: +81-3-3831-9656 FAX: +81-3-5818-6066

[http://www.vibra.co.jp/global/  
shinko-denshi@vibra.co.jp](http://www.vibra.co.jp/global/shinko-denshi@vibra.co.jp)