ViBRA®
Measure the Future

TUNING-FORK BALANCE
SJ series

Accurate & Compact

▶ **Quick response and accurate**

▶ **User friendly operation**
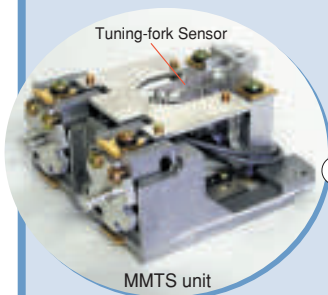
▶ **OIML（class Ⅱ）approved**

SJ-420E
（420g／0.01g）

SJ-6200E
（6200 g／0.1g）

SHINKO DENSHI CO., LTD.

ISO9001
JQA-2834 TSUKUBA

■ Newly developed MMTS
(Mono-Metal Tuning-fork Sensor)

Not only does the tuning-fork sensor provide quick response and stability, but its newly developed MMTS also realizes a high resolution of 1/62,000.

Tuning-fork Sensor

MMTS unit

Patent pending

For further information, access
www.vibra.co.jp

■ 5-year warranty

MMTS is covered by a 5-year warranty that attests to its long-term stability and durability.
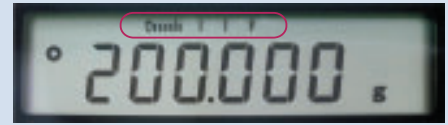
MMTS 5-Year Warranty

■ Comparator function

Users can tell at a glance whether a load is too heavy, too light, or the right weight according to the upper/lower weight limits they preset.

HI
OK
LO

100.000 g

■ Bar graph display

A 20-step bar graph display readily indicates the current load's weight against the capacity.

200.000 g
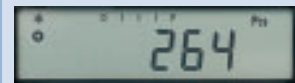
■ Selectable modes and units

Users can select from 3 modes (weight, unit count, and percentage) and from 12 units of weight.

0.000 g

weight

100.0 %

percentage

264 Pcs

quantity

Weighing units
g, ct, oz, lb, ozt, dwt, GN,
tl(Hong Kong), tl(Taiwan),
tl(Singapore, Malaysia), momme, tola

■ Specifications

Model with EC approval*	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	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	1g
Repeatability	±0.01g	±0.01g	±0.01g	±0.1g	±0.1g	±0.1g	±0.1g	±1g
Non-Linearity	±0.01g	±0.01g	±0.01g	±0.1g	±0.1g	±0.1g	±0.1g	±1g
Pan size	φ140mm			170×142mm	180×160mm			
Dimensions	235×182×75mm				265×192×87mm			
Weighing units*¹	g, ct*², oz, lb, ozt, dwt, GN*³, tl(Hong Kong), tl(Taiwan), tl(Singapore, Malaysia), momme, tola							
Power source	AC120/230V DC9V							
Output	RS-232C (option)							
Measuring system	Tuning-fork frequency sensing (MMTS)							
Tare	Full weighing range							
Calibration	With external weight							
Display	LCD (16.5mm high)							
Modes	weighing, counting, percentage							
Weight	Approx. 1.3kg				Approx. 2.7kg			

＊ SJ-XXXCE stands for EC approval models
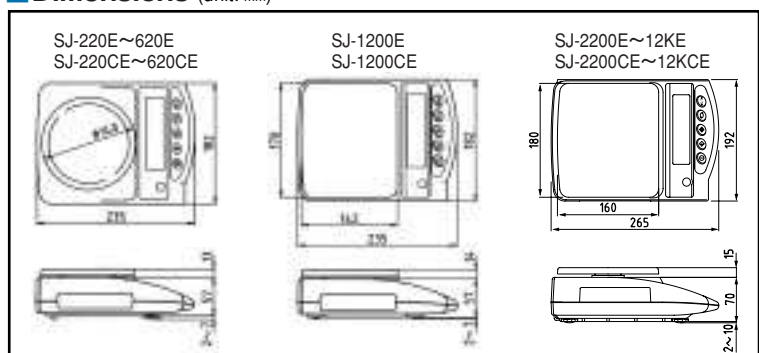＊1 only 5 units are available in SJ-XXXCE
＊2 carat is not available in SJ-6200CE and SJ-12KCE
＊3 GN is not available in SJ-12KE and SJ-XXXCE

■ Options & Peripherals

	SJ-220E~1200E SJ-220CE~1200CE	SJ-2200E~12KE SJ-2200CE~12KCE
Rechargeable battery	SJBT(S)	AJBT(M)
RS-232C	SJR(S)	SJR(M)
Relay contact	SJLM(S)	SJLM(M)
Under weighing hook	AJUH(S)	AJUH(M)
Satellite display	SDI/SDR	
Database software for Windows	RTS	

■ Dimensions (unit: mm)

SJ-220E~620E
SJ-220CE~620CE

SJ-1200E
SJ-1200CE

SJ-2200E~12KE
SJ-2200CE~12KCE

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

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