ViBRA®
Measure the Future

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CJ Series

HEAVY DUTY TUNING-FORK BALANCE

	CJ-820E CJ-820CE	CJ-3200E CJ-3200CE	CJ-8200E CJ-8200CE	CJ-15KE CJ-15KCE
Capacity	820g	3200g	8200g	15000g
Readability	0.01g	0.1g	0.1g	1g
Non-linearity *1	±0.01g	±0.1g		±1g
Repeadability *2	0.01g	0.1g		1g
Pan size	140mm dia.	190×190mm		
Calibration	with external weight			
Weight units *3	g, ct, oz, lb, ozt, dwt, GN tl (Hong Kong), tl (Singapore, Malaysia), tl (Taiwan), momme, tola			
Dimensions(LWH)	310×208×87mm			

*1 typical value   *2 standard deviation   *3 only g, kg &ct are available in CE models.

Options

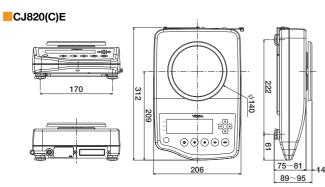|	
CJ-R4	RS422A output (D-sub 9p)
CJ-BZ	Buzzer output
CJ-LM	Relay contact (Din 9p)
CJ-LS	Full pack (BZ, RS, LM)
CJ-BT	Dry -cell battery
CJ-WR	Water-proof cable for RS232C output (9PWP-9P)
AJUH(S)	Under-weighing hook
CJ-AP(S)	Bucket for animal weighing (820g)
CJ-AP(M)	Bucket for animal weighing (3200g)
CJ-AP(L)	Bucket for animal weighing (8200g-15kg)

Common Specification

Measuring system
: Tuning-fork frequency sensing
Tare   : Full weighing range
Display : LCD with Back-light

Power source : AC120/230V 6DC
Output   : RS232C (standard)
IP rating   : 65
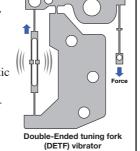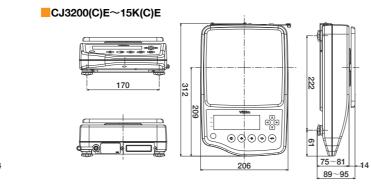
What makesthe tuning-fork sensor so precise?

The tuning-fork sensor measures force or mass by gauging changes in oscillation frequencey when a load is applied to a long, narrow vibrator, and it digitally outputs the readings. Unlike load cell or electromagnetic systems, the tuning-fork sensor does not rely on material distortion, electromagnetic force, heavy power cunsumption, or A/D converters, so its inherent margin of error is extremely small, and its high precision can be maintained for a long time.

Force

Double-Ended tuning fork (DETF) vibrator

WATER PROOF

FINE-PARTICLE PROOF

STAINLESS STEEL CASE

Dimensions

■CJ820(C)E

170
312
209
222
ϕ140
61
206
75〜81
89〜95
14

■CJ3200(C)E〜15K(C)E

170
312
209
222
61
206
75〜81
89〜95
14

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SHINKO DENSHI CO., LTD.

IP 65 WATER & DUST PROOF BALANCE

CJ Series

Premier Class Precision Balance

- Heavy duty
- High performance
- Reliable measurement

As heavy-duty high-precision balance with water & dust proof feature, CJ series promises the excellent performance in any environment, dust atmosphere, mist, oil splashes, dark condition... etc. The stainless-steel upper case is resistent to chemical products, and easy to clean.

CJ series provides multi-function & multi-mode measurement and covers the wide weighing range from 820g to 15kg with minimum readability 0.01g.

This is the best solution to your every needs.

Minimize the response time and keep the indication stable

Unique tuning-fork sensing system achieves the high speed response and stable indication necessary for reliable measurement. The fast response ensures the comfortable and efficient operation.

Clearly visible back light

Large LCD (18mm height) with blight back light make the weighing operation easy and comfortable even in the dark location.

Animal weighing

CJ series has animal weighing mode which can accurately weigh the moving animal. The special bucket for animal weighing is available as option.

Density Measurement

The density can be measured in "density measurement mode" with under-weighing hook (hook is option).

Stainless steel highly resistent to tough conditions

Mirror finished stainless steel housing easy to clean, durable to tough conditions.

Low energy-consuming, high portability

Low energy-consuming design allows CJ series to operate for 200 hours with dry-cell battery (when back-lit is OFF). It is very much suitable for mobile use (32-hour operation with dry-cell battery in case of back-lit ON).

Various measurement modes & functions for industrial weighing

Parts counting, percentage, comparator, density measurement... CJ is the answer to various requirements in the industrial weighing. You can easily set the appropriate mode with arrow key.

Connecting to outside devices

RS232C output is equipped as standard, easy connection to outside devices like PC. Plentiful outputs besides RS232C are available as option (special WP cable option is necessary when CJ should be used with RS232C output as water-proof).