



Champ™ SQ

Multi-Functional Industrial Bench Scales



From general weighing needs to precise industrial requirements, there's a Champ™ SQ Multi-Functional Bench Scale that's just right for your application and budget. When you need custom performance, the Champ's Multi-Functional models offer versatility with a choice of an OHAUS CD31 or CD33 indicator. Every Champ SQ Multi-Functional Bench Scale comes with an impressive range of features, including:

Standard Features Include:

- Capacities from 10kg/25lb to 250kg/500lb
- NTEP 1:5,000 Legal-for-Trade type approved resolution
- 1:10,000 to 1:12,500 maximum displayed resolution
- Stainless steel platter with painted steel frame
- RS232 interface standard with GMP/GLP data output: time, date, operator number, scale ID number, project number and name
- Weighing, parts counting, dynamic/animal weighing, percent weighing, and checkweighing modes

Champ™ SQ Multi-Functional Bench Scales

Standard Models

Capacity x Readability	Default	25 x 0.002 lb 10 x 0.001 kg	50 x 0.005 lb 25 x 0.002 kg	100 x 0.01 lb 50 x 0.005 kg	250 x 0.02 lb 100 x 0.01 kg	500 x 0.05 lb 250 x 0.02 kg
	NTEP*	25 x 0.005 lb 10 x 0.002 kg	50 x 0.01 lb 25 x 0.005 kg	100 x 0.02 lb 50 x 0.01 kg	250 x 0.05 lb 100 x 0.02 kg	500 x 0.10 lb 250 x 0.05 kg
Maximum displayed resolution		1:12,500	1:12,500	1:10,000	1:12,500	1:12,500
NTEP* resolution		1:5,000	1:5,000	1:5,000	1:5,000	1:5,000
Platform size (w x d x h) (in) (cm)		12 x 12 x 4 30 x 30 x 10	12 x 12 x 4 30 x 30 x 10	18 x 18 x 4.1 45 x 45 x 10.4	18 x 18 x 4.1 45 x 45 x 10.4	24 x 24 x 6.4 60 x 60 x 16
Weight (scale unit)		20 lb	20 lb	51 lb	51 lb	76 lb
Item number with CD31		CQ10R31	CQ25R31	CQ50L31	CQ100L31	CQ250XL31
Item number with CD33		CQ10R33	CQ25R33	CQ50L33	CQ100L33	CQ250XL33

General Specifications

Indicator model	CD31 or CD33
Weighing units	lb, kg, g, custom unit
Weighing modes	Weighing, parts counting, dynamic/animal weighing, percent weighing and checkweighing
Stabilization time	1 – 4 seconds depending upon filter selection
Over range capacity	Maximum capacity + 9d
Auto-zero tracking	Off, 0.5, 1 or 3 divisions
Zeroing range	2%, 18% or 100% of capacity
Span calibration	10% to 100%
Repeatability	per NTEP 5000d
Display	1-inch / 25.4mm digit height, 2-line LCD, weigh and prompt message
Keyboard (with CD31) (with CD33)	8 function, 4 cursor membrane keys 8 function, 4 cursor, 11 numeric membrane keys
Power	AC adapter (standard)
Base construction	Stainless steel platform / Painted steel frame
Safe overload capacity	150% of rated load
Operating temperature	14° F to 104° F / -10° C to 40° C

Champ SQ Multi-Functional Bench Scale models meet the requirements of approval agencies: UL, FCC, CSA, CE.

* NTEP Legal for Trade type approval: Certificate of Conformance no. 01-049

Measurement Canada Notice of Approval no. AM5339 (CD31/33 indicators) / AM5422 (base)

Standard Features

Stainless steel platform with painted steel frame construction, RS232 bi-directional interface, GMP data output: time/date/operator number/scale ID number/project number/name, easy to read 2-line LCD display, Gross/Net/Tare function, adjustable averaging and stability levels, retain zero data, auto-zero tracking, leveling feet and leveling bubble.

Optional Accessories

RS232 interface cables, adjustable tower mount, scale mount bracket, wall mount bracket, 42 column impact printer.

Industry Leading Quality and Support

All OHAUS Champ Bench Scales are manufactured under an ISO 9001:2000 Registered Quality Management System. Our rugged construction and stringent quality control have been hallmarks of all OHAUS products for over a century.

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