

setra Checkweigher

For Inventory Control, Packaging and Material Handling



Setra Systems Industrial Checkweigher is designed in the tradition of all Setra counting scales based on award-winning variable capacitance technology. The Checkweigher is the ideal solution for your inventory control, packaging, quality and material handling applications when high accuracy and resolution are imperative to customer satisfaction and your bottom line.

Users simply select a target weight or count for filling operations and the the over/under tolerance. The Checkweigher automatically signals the operator when the load is on target. The intelligently designed user interface provides readable prompts in clear English which guides even the most inexperienced operator through checkweighing tasks.

The Checkweigher offers a full range of capacities and a database that allows long-term storage of up to 1800 part numbers with their associated low, target and high average piece weight. The optional relay box is optically isolated and provides 3 outputs and 2 digital inputs and the optional light tree provides compact visible indication.



The Setra Checkweigher provides accuracy and stability for your quality, packaging, and material handling applications.

Features

- High Accuracy
- High Resolution
- Prompting Macros
- Signals Low, Target, High
- Internal Database
- Plug and Play
- Multiple Base Connectivity
- Three RS232 Communications Ports
- Rugged

Options

- Light tree indicating low, target and high.
- Adjustable Controller Column
- Optically Isolated Relay Box
- Remote Scale Option
- Rechargeable Battery
- Cold Cathode Florescent Backlighting
- DYMO Labelwriter Setra 300 Printer
- Linear Imager Scanner Gun



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800-257-3872

Checkweigher Specifications

DISPLAYED RESOLUTION	Selectable; default from 50,000 to 100,000 divisions
INTERNAL RESOLUTION	Selectable to 1 part in 1,000,000
UNITS OF MEASURE	Pounds, kilograms, grams, ounces, pennyweights, troy ounces, carats, grains (user definable)
DISPLAY UPDATE RATE	Selectable, five settings
CCFL BACKLIGHTING	Optional
RESPONSE TIME	Two seconds (typical)
COUNTING CAPACITY	10,000,000 pieces
MEMORY	2100 records including: part number (23 characters) description (16 characters) lot number (16 characters) count average piece weight tare set points
TIME AND DATE	Battery protected real time clock
DATA COMMUNICATIONS	Bi-Directional RS232 port for PC OUT port for printer IN port for scanner KEYBOARD port for QWERTY PS/2® (6 pin mini DIN) style PC keyboard
SELECTABLE BAUD RATES	1200, 2400, 4800, 9600 (Com 1, 2, and 3)
OPERATING TEMPERATURES	40 °F to 110 °F (5 °C to 43 °C) 10 to 90% RH non-condensing

POWER ADAPTER	16VDC @ 1000 mA USA for 120 VAC, 60 Hz Optional 12 VDC @ 500mA EC for 230 VAC, 50 Hz
DIMENSIONS (25- 50 Kg)	Platform 13" W x 15" D (33 x 38 cm) Controller 10.75" W x 4.38" D x 2.5" H (27 x 11 x 6 cm) Overall 13" W x 19.38" D x 4.5" H (33 x 48 x 11.5 cm)
DIMENSIONS (12 - 16 Kg)	Platform 11.5" W x 9.5" D (29 x 24 cm) Controller 10.75" W x 4.38" D x 2.5" H (27 x 11 x 6 cm) Overall 11.5" W x 14" D x 4.75" H (29 x 35 x 12 cm)
DIMENSIONS (2 - 5 Kg)	Platform 6.2" Diameter Controller 10.75" W x 4.38" D x 2.5" H (27 x 11 x 6 cm) Overall 11.5" W x 14" D x 4.75" H (29 x 35 x 12 cm)
SHIPPING WEIGHTS	(25 - 50 Kg) 35.5 lb (16 Kg) (12 - 16 Kg) 19.8 lb (9 Kg) (2 - 5 Kg) 16 lb (7.25 Kg)
CERTIFICATIONS	UL, CSA, CE, ISO 9001
LIMITED WARRANTY	Two years
OPTIONS	Relay Box Optically isolated; 3 outputs and 2 digital inputs Light Tree Compact visible indication for low, target, high

Ranges and Readability

CAPACITY (Kg)	STANDARD READABILITY	LINEARITY ERROR	MAXIMUM READABILITY	CAPACITY (lb)	STANDARD READABILITY	LINEARITY ERROR	MAXIMUM READABILITY
2 Kg	0.00002 Kg	0.00002 Kg	0.000002 Kg	4.4 lb	0.00005 lb	0.00005 lb	0.000005 lb
5 Kg	0.00005 Kg	0.00005 Kg	0.000005 Kg	11 lb	0.0002 lb	0.0002 lb	0.00002 lb
12 Kg	0.0002 Kg	0.0002 Kg	0.00002 Kg	27 lb	0.0005 lb	0.0005 lb	0.00005 lb
16 Kg	0.0002 Kg	0.0002 Kg	0.00002 Kg	35 lb	0.0005 lb	0.0005 lb	0.00005 lb
25 Kg	0.0005 Kg	0.0005 Kg	0.00005 Kg	55 lb	0.001 lb	0.001 lb	0.0001 lb
30 Kg	0.0005 Kg	0.0005 Kg	0.00005 Kg	65 lb	0.001 lb	0.001 lb	0.0001 lb
50 Kg	0.001 Kg	0.001 Kg	0.0001 Kg	110 lb	0.002 lb	0.002 lb	0.0002 lb