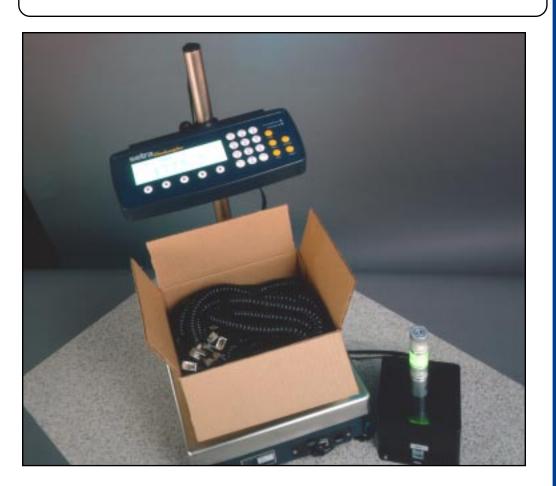# setra
Checkweigher

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 tolerence. 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 isolatedand 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.

159 Swanson Rd., Boxborough, MA 01719 · Telephone: 978-263-1400 Fax: 978-264-0292

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

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

ISO 9001 ✓ Certified

**Visit Setra Online:
http://www.setra.com**

setra
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 is olated; 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
2 Kg	0.00002 Kg	0.00002 Kg	0.000002 Kg
5 Kg	0.00005 Kg	0.00005 Kg	0.000005 Kg
12 Kg	0.0002 Kg	0.0002 Kg	0.00002 Kg
16 Kg	0.0002 Kg	0.0002 Kg	0.00002 Kg
25 Kg	0.0005 Kg	0.0005 Kg	0.00005 Kg
30 Kg	0.0005 Kg	0.0005 Kg	0.00005 Kg
50 Kg	0.001 Kg	0.001 Kg	0.0001 Kg

CAPACITY (lb)	STANDARD READABILITY	LINEARITY ERROR	MAXIMUM READABILITY
4.4 lb	0.00005 lb	0.00005 lb	0.000005 lb
11 lb	0.0002 lb	0.0002 lb	0.00002 lb
27 lb	0.0005 lb	0.0005 lb	0.00005 lb
35 lb	0.0005 lb	0.0005 lb	0.00005 lb
55 lb	0.001 lb	0.001 lb	0.0001 lb
65 lb	0.001 lb	0.001 lb	0.0001 lb
110 lb	0.002 lb	0.002 lb	0.0002 lb

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