



WESTERN SCALE CO. LTD.

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LIGHTSPEED CHECKWEIGHER INDICATOR

Ultra-fast readings with incredible stability.

The Lightspeed Checkweigher indicator is perfectly suited for virtually all portioning, checking and light industrial scales. Turn any scale into a checkweigher. A great replacement unit.

FEATURES

- Large LED Display with 3 colour checkweighing bar graph for fast processing
- Fully sealed 7 button membrane keypad
- DYNArrest Vibration Filtering System for remarkably fast, stable readings in high vibration (industrial) areas
- Easy to use Quick Target acquisition
- NEMA 4X / IP65
- Streamlined to reduce bulk
- Store up to 100 Product IDs and weight ranges
- 1 Fully configurable serial port
- Reports product run statistics
- Programmable Weigh Tickets & Macros
- Password and Category 1 Audit Trail system
- Mounting bracket
- Corrosion resistant power cord
- Sanitary design



SPECIFICATIONS

POWER REQUIREMENTS

- 100-240 VAC 50/60 Hz
- Consumption: 40 mA (10 W)

EXCITATION

- 5 VDC. Up to 4 350 Ω or 8 700 Ω load cells

ANALOG INPUT RANGE

- 0-19 mV

RESOLUTION

- 1,000,000 internal A/D counts
- Up to 10,000 displayed divisions (LFT).
- Up to 100,000 (NLFT).

MEASUREMENT RATE

- 100 weight samples/second dependent on filter settings.

ANALOG SIGNAL SENSITIVITY

- .3 μ V

SYSTEM LINEARITY

- 0.01% of Full Scale

COMMUNICATIONS

- 1 fully configurable, full duplex RS-232 serial port.
- Fully configurable data format and selectable output strings.
- Wireless Communication Module (Optional)

RFI PROTECTION

- Filtered Excitation, Signal, and Sense lines

KEYPAD

- Membrane keypad: 7 keys
- Adhesive sealing ring

DISPLAY

- 7/8" (22 mm) LED display
- 6 digits (7 segments each)
- 3 color LED bar graph

ENCLOSURE

- 304 stainless steel with bracket
- Tough, dependable, and wash down safe
- NEMA 4X / IP65

DIMENSIONS (Approx.)

- LS-IND w/ bracket: 9" x 8" x 3.5" (305mm x 205mm x 90mm)

WEIGHT (Approx.)

- 5 lb (2.25 kg)

OPERATING TEMPERATURE

- 14°F to 104°F (-10°C to 40°C)

APPROVALS

- NTEP Class III/IIIL (10,000): 08-014
- Measurement Canada Class III (10,000): AM-5699

WARRANTY

- 2 year standard warranty