

LP7580

DIGITAL WEIGHT INDICATOR



Full Numeric Keypads
Nema 4X Washdown
Legendary Performance
Enhanced Durability

INSCALE

1607 Maple Ave.
Terre Haute, Indiana
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LP7580 Weight Indicator

Reliable yet Cost-effective

From tare entry to counting to check weighing, LP7580 is the ideal choice for any industrial applications. A full numeric keypad allows tare entry directly from the keypad for weighing the contents of totes, cylinders, and containers, eliminating the need to scroll and toggle tare weight values. A count mode allows keyed piece count and APW (average piece weight).

The LP7580 indicator is encased in a tough, all stainless steel NEMA 4X/IP67 enclosure for extra-long life, even in the harshest conditions. The ultra-bright, oversized display reduces operator error and accelerates productivity.

Fully interactive, it features three RS-232 and one RS-485 communication ports and one USB port as well as complete EDP and print ticket programmability.



Standard Features

- Eleven-button operation with full numeric keypad
- Stainless steel washdown enclosure with U-bracket mount
- Large bright Light Emitting Diode (LED) display
- Gross/Net, tare, piece count, check weighing, records memory
- Programmable print format
- Time and date

Specifications

• Display	Red LED 0.8-inch x 6-digit numeric
• Units	lb, kg (primary); oz, g (secondary)
• Enclosure	Nema 4X stainless steel washdown
• Keyboard	24 key audible with tactile feel membrane
• Internal Resolution	24 bit A/D Sigma-Delta; 1,048,000 d
• Display Resolution	120,000 dd industrial; 10,000 dd HB44
• Display Increment	Selectable 1, 2, 5, 10, 20, 50
• Decimal Point	Selectable 0, 1, 2, 3, 4 decimal places
• Consecutive No.	1 to 999,999
• Conversion Rate	12 samples/second typical
• Signal Sensitivity	0.1 uV/granduation (min)
• Signal Range	1mV/V to 3mV/V
• Load Cell Excitation	5 ± 0.5VDC
• Load Cell Power	12 x 350 Ω or 24 x 700 Ω load cells
• Auto Zero Tracking	0 - 5 dd increments
• Auto Zero Delay	0 - 3 second increments
• Motion Detect	1 - 10 dd
• Motion Delay	0 - 55 dd
• Power	110/220VAC ± 10% @ 50/60Hz
• Power Consumption	8W @ 115VAC
• Operating Temp.	14 °F to 104 °F (-10 °C to +40 °C)
• Weight	7 lbs (3.2 kg)
• Dimensions	10.25" (L) x 4" (W) x 9.3" (H)

Approvals



$n_{max} = 10,000$
Class III/IIIL (Pending)



$n_{max} = 10,000$
Class III/IIIL (Pending)



Applications

- Gross, Tare & Net weighing
- Piece counting
- Weigh system interface to Distributed control systems
- Bench, floor, tank, hopper
- Over/Under check weighing
- Material testing
- Dusty, chemical & washdown environment

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Your INSCALE's distributor is: