

# 7600E

## 7600E UNIVERSAL DIGITAL WEIGHT INDICATOR & BATCH CONTROLLER

**POWER & FLEXIBILITY** – The 7600E adapts to the most demanding applications with a wide range of outputs, options, and features. No need for expensive programming or expensive set-up. The 7600E is easy to use and install.

- (2) Programmable Serial Data Ports standard
- 300 Truck IN/OUT Tare Memories
- Smart Serial™ Setup programmable serial data strings
- Calibration designed specifically for Batching/Truck Scales
- Optional Analog Output (4-20 mA/0-10 VDC)
- Optional Digital Relay I/O with menu-driven Batching features
- Drives up to (8) 350 ohm or (10) 1000 ohm load cells
- Proven PLUS+ Series Main Board fits all Pennsylvania brand products
- ESD and RFI shielding are standard
- Stainless Steel enclosure with U-Bracket mount standard

**TRUCK SCALE APPLICATIONS:** 300 Tare Weight memories and IN/OUT program plus flexible ticket formats make the 7600E the obvious choice. 10 point linearization and tweak mode for calibrating convenience. Two separate digital outputs for printers and scoreboards plus optional relay alarms for truck-on-scale, overload warnings and more.

**BATCHING SYSTEMS:** Preprogrammed manual or automatic batch programs with menu set-up. (4) Relay outputs for (2) setpoint targets with pre-act. (4) convenient terminal inputs permit control of batch functions. Standard AC or specify DC solid state relays for input/output. Flexible and easily adapted to system requirements.

**BENCH & FLOOR PLATFORMS:** Keyboard Tare entry. Two independent digital outputs for printers, remote displays, scoreboards, control I/O. Free factory calibration to any Pennsylvania platform and fully expandable for future requirements. SS Nema 4-X enclosure with convenient U-Bracket mount.

**IDEAL REPLACEMENT INDICATOR:** Grams to tons, designed specifically for fast, seamless installation in a wide variety of replacement applications as well as new installations.



Panel mount option shown



# 7600E Universal Digital Weight Indicator & Batch Controller

## Standard Features:

- SS Enclosure w/U-Bracket mount for wall or shelf
- Pre-programmed Batch and Truck Scale options for easy set-up
- Direct Keyboard entry of Setpoint values and Tare Weights
- Truck IN/OUT with storage for up to 300 Tare Weights by numeric I.D.
- Smart Serial™ programmable Serial Data strings
- Tweak mode with 10 point Linearization for easy set-up and calibration
- (2) Independent Full Duplex Serial data outputs for external communication
- NTEP and Canada approved to 10,000 divisions

## Applications:

- Platform Scales and CheckWeighers – Ideal replacement indicator!
- Truck Scales
- Batching Systems: platform, tank and hopper
- OEM package integrates with control systems

## Specifications:

- Load cell A/D Converter:
  - o 24 bit delta sigma; 16 mv Signal Input
  - o Sensitivity: 0.1 uV/ Graduation
  - o Update: 30 updates per second
  - o Excitation: 5 VDC, 120 mA max
  - o Up to (8) 350 ohm load cells or (10) @ 1000 ohms
- Red high intensity LED display 0.6" high, (6) digits w/ annunciators
- Power: 117/217 VAC, 50/60 Hz, 20 watts, fuse 0.25A slow blow
- Optional AC/DC operation, integrated UPS, 12/24 VDC power

## Data Ports, Independently Configured:

- Port 1: RS232C or 20 ma Current Loop
- Port 2: RS485, RS232C or 20 mA Current Loop
- Option – Ethernet communication
- Option – Analog output select
  - 4 - 20 mA
  - 0 - 10 VDC
- USB

## Enclosure: NEMA 4X w/U-Bracket

- 10 w x 6.5 h x 4 d" (w/o bracket)
- 10 w x 7.5 h x 4 d" (w/U-bracket)
- Optional OEM package (contact factory)

## Optional Setpoint Relay Board with Convenient I/O Terminals

- Menu driven Digital Setpoints (4) for convenient batching
- Checkweigh mode controls relays Under/Accept/Over
- (4) AC/DC inputs + (4) AC/DC Outputs (Solid state Relays: 120 Volts, 0.5 amp or 24 VDC O.S.A.)
- Convenient Screw Terminals for all I/O connections
- Specify AC or DC solid state relay control

## Options:

- Panel mount configuration
- Wide range of Standard and Custom software options (Contact Factory)
- OEM Package for control panel or door mounting integration

## Warranty:

The parts and components of these Pennsylvania Scale Company products are warranted for TWO YEARS from the date of retail delivery against defects in materials and workmanship, subject to the terms and conditions of our standard Warranty.

**PENNSYLVANIA**  
**SCALE**  **COMPANY**

Authorized Distributor: