

# 7400

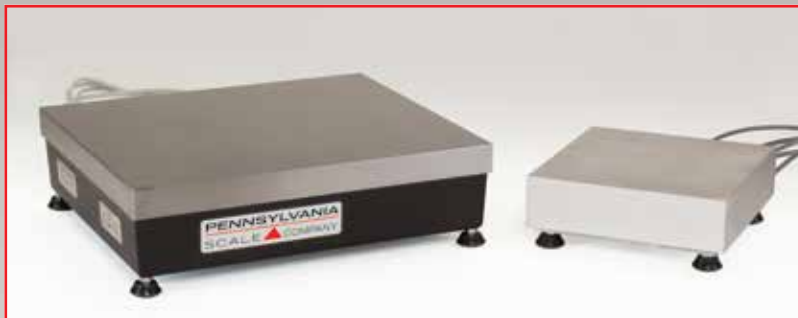
## 7400 SERIES UNIVERSAL DIGITAL WEIGHT INDICATOR & BATCH CONTROLLER

**SIMPLICITY & VERSATILITY** – From bench scales to truck scales, the 7400 brings flexibility and reliability to a variety of applications and installs quickly and easily. The 7400 features a PLUS+ Series Main Board that fits all Pennsylvania Scale products and offers off-the-shelf compatibility for direct replacement of thousands of widely used indicators already in the field.

- Standalone or integrate into weight processing system
- Wide range of weighing applications
- Installs quickly and easily



Custom applications available at standard pricing



Compatible with all Pennsylvania Scale platforms



Accommodates up to 10 load cells for a wide range of weighing applications



5-button front panel includes tare and gross/net buttons



Full numeric keyboard model (7600E) available with expanded features and data entry



# 7400 SERIES UNIVERSAL DIGITAL WEIGHT INDICATOR & BATCH CONTROLLER

## Features:

- Designed specifically for systems integrators
- Compact and efficient 304 stainless steel wash down enclosure w/desk or wall U bracket – optional panel mount kit
- 16 million internal counts and 60 updates per second
- Highly resistant to static-induced problems
- Custom applications available at standard pricing
- Many custom features are built-in if selected during set-up
- Direct replacement to thousands of widely used indicators already in the field
- 5-button front panel includes tare and gross/net buttons
- Sealed cable entry w/convenient connections or optional quick disconnect
- 10-point linearization
- Audit trail accountability feature with security code
- Powerful 16-bit microprocessor with flash memory for speed and accuracy
- 100% plug and play compatibility with 99.9% of every platform or load cell available
- Free factory matching to any Pennsylvania platform or base
- Proven Plus+ series main board
- Four-year limited warranty

## Applications:

- Platform scales and checkweighing
- Truck scale applications
- Batching systems: platform, tank, and hopper
- OEM package available for panel and door mounting
- Ideal for use as a replacement indicator

## Specifications:

- Load cell A/D converter
- 24 bit delta sigma; 16 mv signal input
  - Sensitivity: 0.1 uV/ graduation
  - Update: 30 updates per second
  - Excitation: 5 VDC, 120 mA max
  - 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 0.25 A slow blow
- Optional AC/DC operation, integrated UPS, 12/24 VDC power

## System Data Communications:

- (2) Asynchronous serial data interfaces
- RS-232, RS-485, RS-422 and current loop, fully addressable
- Upload special features via the digital communication port
- For parts counting or keyboard tare applications (see the 7500+ and 7600+ indicators and scales)
- Time and date with battery back-up; network addressable

## Enclosure:

- Indicator, no U-bracket: 10" (W) x 6.5" (H) x 4" (D)
- With U-bracket installed, 12" (W) x 7" (H) x 4" (D)
- Standard waterproof cable entries; optional quick disconnect

## Options:

- Analog output 4-20 mA or 0-10 VDC for batching applications
- Analog interface: 4-20 mA/0-10 VDC
- Truck weighing in/out program with customized tickets
- Full range of platforms and load cell accessories
- Digital solid states set points: (4) independent or (2) with preact
- 4-20 mA/0-10 VDC analog outputs

## Warranty:

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

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Authorized Distributor: