



## Pennsylvania Scale 7400EXP Legal for Trade Indicator

Innovative features at an attractive new price point either as a stand-alone weighing system or part of a DIMENSIONAL, MANIFEST, DATA COLLECTION, or WEIGHING/COUNTING SYSTEM. USB for both power and data eliminates the power cord and provides a wide range of power options (optional) from the open market such as car chargers, vehicle power, USB power



**PENNSYLVANIA**  
SCALE  COMPANY

Manufacture: Pennsylvania Scale  
SKU: 7400EXP  
Weight: 5.00 lb

**Please Call (800)832-0055**

### Features

**Innovative features at an attractive new price point either as a stand-alone weighing system or part of a DIMENSIONAL, MANIFEST, DATA COLLECTION, or WEIGHING/COUNTING SYSTEM. USB for both power and data eliminates the power cord and provides a wide range of power options (optional) from the open market such as car chargers, vehicle power, USB power hubs, battery packs for portability, solar and more. Ideal for portable RENTAL SCALES, data collection, field testing, medical, scientific, and other remote installations where power is unreliable or not available**

The EXP-Series adapts to demanding applications with indicating power at an economical price point. Rugged aluminum die-cast enclosure and new compact size with USB power + 16 million internal counts for accuracy. High intensity LED display. 3 versions to suit most any need. Ideal for permanent or portable applications — designed and manufactured right here in the USA.

- USB power system with wide variety of power sources available on the open market
- 8 Industrial USB cable and 100–240 V switching adaptor included
- Power options: Laptop Computer, USB power bank (with solar power available), vehicle cell phone charger 12 VDC, or AC adaptor included
- Compatible with world power via USB adaptor or vehicle power
- USB data or RS-232 communication
- 16 million internal counts for superb counting performance
- Same components as our standard PLUS+ series in compact size
- Die cast aluminum enclosure with U-bracket mount
- No technician retraining necessary — runs proven PLUS+ Series software
- Interchangeable faceplates and service components
- High intensity LED display suitable for all ambient conditions
- Drives up to (8) 350 ohm or (10) 1,000 ohm load cells
- ESD and RFI shielding

- Compact size suits a wide range of stationary or portable mounting applications
- Ideal for OEM applications
- Standard and custom software easily flashed using Serial Data Loader feature
- 1 Year Limited Warranty

## Standard Features — all models

- Die cast enclosure w/SS U-bracket for wall or shelf
- USB power — HD cabling and AC adaptor
- 0.56" red high intensity display w/annunciators
- Technician friendly — Runs same software as our PLUS+ Series
- 16 million internal counts for high precision counting
- USB data or programmable output via RS-232
- PLUS+ Series components in new efficient, compact size
- 10-point linearization (7400 EXP)
- Access code protects metrological settings + Audit trail feature
- Keyboard calibration
- **Specifications:**
  - 24 bit delta sigma load cell A/D converter
  - Sensitivity: 0.1 uV/graduation
  - Excitation: 5 VDC, 120 mA max
  - Up to (8) 350 ohm load cells or (10) @ 1000 ohms
  - High intensity 0.56" red LED display (6) digits w/annunciators
  - Weight in 2 user-selected units of measure + COUNT feature
  - Quick disconnect for standard CPC mating connector OR hard wire to terminal strip via Heyco fitting
  - Factory matching to any Pennsylvania platform
  - Power: 5 V, 1 A via USB input — cable and AC power
    - 8 HD USB cable and 100–240 V switching adaptor included
    - OPTION USB vehicle 12 VDC vehicle cell phone power source
    - OPTION USB laptop or portable device
    - OPTION USB power bank for portability
    - OPTION USB power bank w/solar charging
- **Ideal for new installations and field replacements:**
  - Truck and heavy capacity scales, weigh-only
  - Platform scales
  - Package manifest systems (with default options) and postal applications include UPS Worldship, FedEx, DHL, and other output emulation
  - Field test, data collection, mobile weigh or count
  - Rental scales for short term use
  - Medical — Airline Baggage — Permanent or portable scales
  - Custom OEM products where weight or count are needed
  - Mobile field testing, package checking, SPC/SQC, agriculture, inventory control
- **Enclosure: Black powder coat aluminum die casting**
  - With U-bracket and knobs installed: 9 x 4 x 3.25" inches (23 x 11 x 7 cm)
  - Enclosure only, set up as turret mount (no wall bracket or knobs): 7.3 x 3.9 x 3.25" inches (18.5 x 10 x 7 cm)

### Warranty:

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

- **Models:**
  - 7400 EXP: Weight-only indicator ideal for high capacity applications in lbs/kgs.
  - 7500 EXP: Super high precision with 16 million internal counts for parts counting
    - (2) Programmable units of measure + count mode
    - Single or 1-button sampling (select)
    - 4 fixed sample sizes or easily customized
    - Auto Sample Update™ feature for accuracy enhancement
  - 7600 EXP: Adds keyboard for Tare or APW entry
    - Displays Average piece weight or weight/thousand pieces
    - %-Error or %-Accuracy sampling guide (setting)
    - Single or 2-step sampling
    - Key in any sample quantity plus (4) preset sample sizes
- **Options:**
  - Custom software specific to application — contact factory

- Custom packaging or flush mounts — contact factory
- Turret mount options — easily configured

## Features

- High intensity RED LED display, 0.56"
- Die cast aluminum compact enclosure
- SS U-bracket for desk or wall mount
- Common software features from PLUS+ Series
- USB for both power and data (USB 1.0 or higher)
- Programmable RS-232 standard
- Standard AC adaptor, 8 cable
- Power Options:
  - – Portability with USB power pack
  - – Open source power: vehicle, solar, laptop, desktop computers
  - – 24-bit delta sigma load cell A-to-D converter
- Powers up to (8) 350 ohm load cells or (10) 1,000 ohm load cells
- 16 million internal counts for high resolution counting
- Fully programmable in (2) units of measure – default lb/kg or user specified PRIMARY and SECONDARY weighing units
- Audit Trail feature + Password protection for metrological settings
- Filter options and averaging + simple field calibration
- NTEP to 10,000 divisions
- Free factory matching to any Pennsylvania Scale base or platform
- (7400EXP) 10 point linearization
- (7500EXP) Simplified operation in (2) user programmable weight units + COUNT feature
- (7600EXP) Expanded features, full keyboard entry of Tare Weight, APW, Sample Quantity (plus 4 pre-set sample sizes) and operational options
- ONE YEAR LIMITED WARRANTY

## Applications

- Truck and heavy capacity weighing
- Platform scales
- Package manifest shipping systems (standard default settings) UPS Worldship™, FedEx, DHL, and other output emulation for plug-and-play integration
- Field testing, mobile weighing, data collection – weigh or count
- Rental scales for short term use
- Medical
- Airline Baggage
- Permanent, portable, or temporary installations
- Custom OEM products

## Specifications

Model	7400EXP	7500EXP	7600EXP
FEATURES	Weight-only indicator ideal for high capacity applications in lbs/kgs.	Super high precision with 16 million internal counts for parts counting <ul style="list-style-type: none"> <li>• (2) Programmable units of measure + count mode</li> <li>• Single or 1-button sampling (select)</li> <li>• 4 fixed sample sizes or easily customized</li> <li>• Auto Sample Update™ feature for accuracy enhancement</li> </ul>	Adds keyboard for Tare or APW entry <ul style="list-style-type: none"> <li>• Displays Average piece weight or weight/thousand pieces</li> <li>• %-Error or %-Accuracy sampling guide (setting)</li> <li>• Single or 2-step sampling</li> <li>• Key in any sample quantity plus (4) preset sample sizes</li> </ul>
Finish	Black powder coat aluminum die casting		
SENSITIVITY	0.1 uV per graduation		
POWER	AC adaptor, USB power		
Legal For Trade	NTEP 10,000 divisions, Canadian Weights & Measures		
RESOLUTION	Internal 16 million counts		
KEYBOARD	Flat overlay with tactile feel buttons		
TEMPERATURE (NTEP)	+ 14 F to 104 F degrees / - 10 C to + 40 C		

<b>PHYSICAL DIMENSIONS</b>	9 x 4 x 3.75" (23 x 11 x 7 cm) with U-bracket installed; enclosure only set up as turret mount (no wall bracket or knobs): 7.3 x 3.9 x 3.25" (18.5 x 10 x 7 cm)
<b>Works with</b>	UPS Worldship™, FedEx, DHL, and other output emulation for plug-and-play integration
<b>Display</b>	High intensity red LED display, 0.56"
<b>counts</b>	16 million internal counts for high resolution counting
<b>Options</b>	0.1 uV per graduation
<b>Outputs</b>	<ul style="list-style-type: none"> <li>• Custom software specific to application (Call Us)</li> <li>• Custom packaging or flush mounts (Call Us)</li> <li>• Turret mount options — easily configured</li> </ul>
<b>Warranty</b>	1 Year Limited
	Made in USA

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