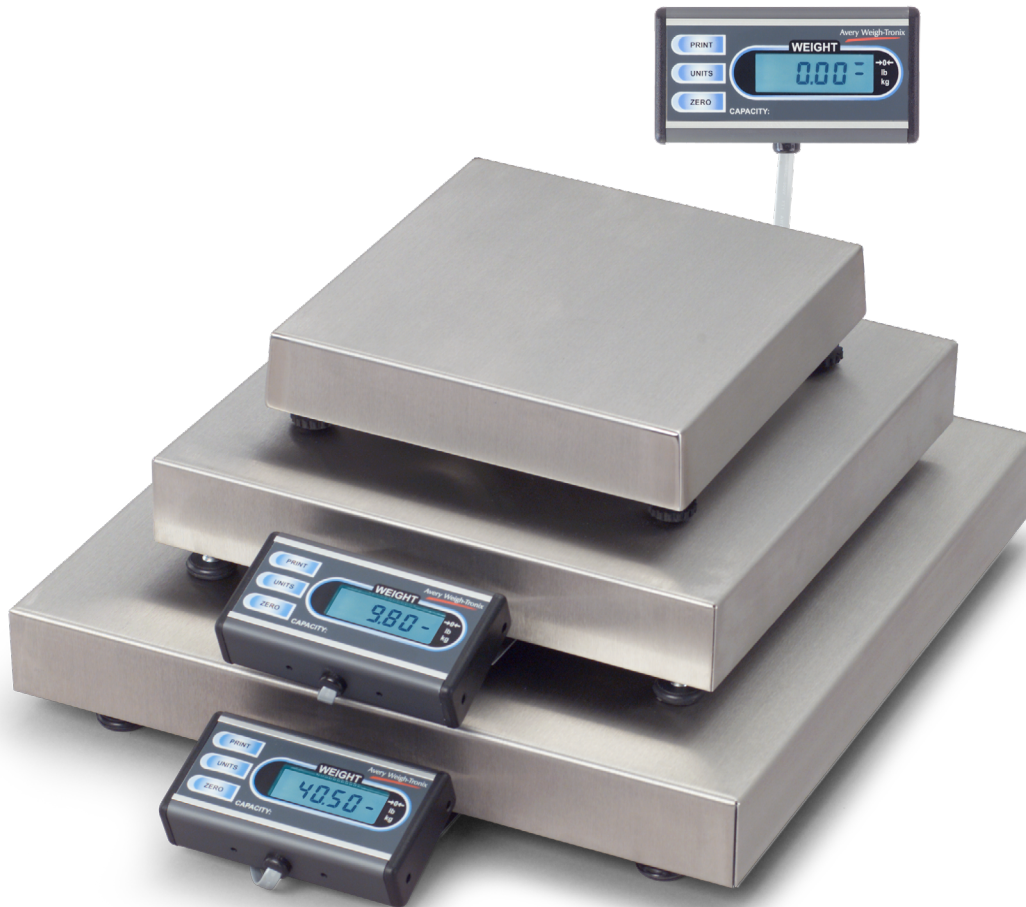




# 3700LP

## Bench Scales

*Technical Specification*



## DESCRIPTION

### General

A low profile, durable, economical bench scale for uncomplicated industrial weighing.

### Design

- **Construction** – Aluminum base on 10"x10" model or mild steel base on 14"x14" and 18"x18" models. Stainless steel shroud.
- **Convenient selection of sizes and capacities** – Choose from three sizes with capacities from 10 lbs. to 250 lbs.
- **Display** – Backlit LCD display with six .5" digits. Housed in a 6" aluminum alloy extrusion. Display can be attached to base with supplied aluminum display bracket and secured with magnetic strips. Can also be remotely mounted with 7 ft. of included cable.
- **Units of measure** – lb, kg, g or oz. Front panel switching between units of measure (Note: only two units active at any one time).
- **Keys** – Units, Print and Zero.
- **RS232 I/O** – Interface with computers and printers.
- **Printer ready** – Connects to WP-23X tape printer or Zebra 2844 Label Printer. Prints human readable labels or bar code labels on 1.2" x .85" or 2.5" x 4" stock. Also supports master/slave protocol selections of ProBench, NCI 3835, and 8213. Two autoprint features transmit weight when items are either placed on, or removed from scale.



**Options:**

- **Factory installed battery** – Up to 20 hours of continuous operation with backlight turned on. When used with the display backlight turned off or in auto mode, battery operation is extended to 75 hours. Internally mounted, sealed lead acid gel cell battery provides up to 500 discharge/recharge cycles. Battery fully recharges in 6 hours by plugging the scale into an AC outlet. Scale can be used while re-charging. (Not available on 3730LP model)
- **Distributor installed battery kit** – (Not available on 3730LP Models)
- **Auto power off** – Two power saving modes can be configured to turn the backlight off or shut down the scale after inactivity to preserve battery life.
- **Ball top kit** – (Not available on 3730LP Models)
- **Display swivel bracket kit**

- **12" pole display kit**
- **Footswitch for zero or print** – With 4 ft. or 10 ft. long cable assembly.
- **230 VAC operation** – 230 VAC ±10% - 15%, 50 Hz



Shown with optional Footswitch and WP-234 Printer.

**SPECIFICATIONS**

**Dimensions and Capacities**

| Scale Model | Capacity lb (kg) | Overall Dimensions   | Resolution lb (g) |
|-------------|------------------|----------------------|-------------------|
| 3730LP      | 10 (5)           | 10.4" x 10.4" x 2.5" | .002 (1)          |
| 3730LP      | 25 (10)          | 10.4" x 10.4" x 2.5" | .005 (2)          |
| 3730LP      | 50 (25)          | 10.4" x 10.4" x 2.5" | .01 (5)           |
| 3732LP      | 100 (50)         | 14" x 14" x 3.1"     | .02 (10)          |
| 3732LP      | 250 (110)        | 14" x 14" x 3.1"     | .05 (20)          |
| 3734LP      | 100 (50)         | 18" x 18" x 3.2"     | .02 (10)          |
| 3734LP      | 250 (110)        | 18" x 18" x 3.2"     | .05 (20)          |

- **Internal resolution** – 100,000 internal counts of resolution.
- **Power supply** – Internally mounted on models 3732LP and 3734LP. Wall mounted on model 3730LP.
- **Overload** – Up to 200% of scale rated capacity.
- **Power** – 120 VAC ±10% - 15%, 60 Hz.
- **Battery recharge time** – 6 hours when powered down.
- **Output** – Bi-directional RS-232 with selectable baud rates from 1200 to 19.2K.
- **Operating environment** – 41°F to 104°F (5°C to 40°C). 10 to 95% relative humidity, non-condensing.
- **Agencies** – NTEP 5,000 divisions Class III, C.O.C. # 02-069, UL/CUL

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