

Model 7824 and 7840

Bench Scales



NTEP CC 95-121



NCI Model 7824 shown with standard stainless steel weight platter

- **Capacity**–
250 lb x 0.05 lb (100 kg x 0.02 kg);
300 lb x 0.1 lb (150 kg x 0.05 kg)
- **Construction**– Stainless steel weight platter. Painted mild steel base enclosure.
- **Display**– 1/2" high, 6 digit LCD
- **Power**– AC power
- **Operator Keys**– Zero and Test

VALUE IN
WEIGHING

Model 7824 and 7840 Bench Scales

Features

With a fast digital response and large weight platters, the 7824 and 7840 Bench Scales easily accommodate oversized parcels or containers in the shipping room. Both are NTEP approved and available with a ball-top platter.

Display Controls– ZERO: Includes Auto Zero Tracking or Manual push button to re-establish zero reference. **TEST:** Runs a diagnostic test to ensure scales is fully functional, and allows a real-time view of internal settings.

Construction– Stainless steel weigh platter. Painted mild steel base enclosure

Field Calibration– Alternate span points can simplify field calibration by using less than full capacity weights. Can be set-up as either decimal pound or kilogram.

RS-232 Cable– Included with each scale, DB 9-pin, null modem, female connector allows you to connect to a PC

Emulation Protocols– Standard NCI default with field configurable settings of 8213, 3835, SMA, and Auto Weight Send. This allows you to select compatible scale communication settings or scale drivers during field installation when interfacing with shipping software programs or host devices.

Durabridge® Technology– Reduces overall scale deflection when a full load is applied

Power Supply– Recessed power supply with standard wall plug

Specifications

Capacity (lb)	Capacity (kg)
250 lb x 0.05 lb	100 kg x 0.02 kg*
300 lb x 0.1 lb	150 kg x 0.05 kg*

Note: Default configuration as weight classifier.

** Metric weighing can be configured in the field during calibration.*

Dimensions–

7824: 24" L x 24" W x 4.5" H
610 mm (L) x 610 mm (W) x 114 mm (H)

7840: 18" L x 24" W x 4.5" H
457 mm (L) x 610 mm (W) x 114 mm (H)

Power– 120 VAC (+10% -15%), 60 Hz, standard 3-wire ground

Operating Environment– 42° F to 104° F (5° C to 40° C)
Relative Humidity: 10 to 95% (non-condensing)

Shipping Weight–

7824: 108 lb (50 kg) standard configuration
125 lb (57 kg) with ball-top

7840: 70 lb (32 kg) standard configuration
76 lb (35 kg) with ball-top

Input/Output– RS-232, bi-directional, configurable 1200 – 19.2K baud. Transmits weight and scale status whenever ASCII "W" <CR> is sent by a remote device.

Agency Approvals–

United States: NTEP #95-121

Options

Ball-Top Weight Platter– Simplifies transport of all parcels. Ideal for conveyor lines. One piece lift-off design equipped with 48 roller balls (7824); 17 roller balls (7840).

Display Post– 12" post for remote display

International Power Supply– 230 VAC, 50 Hz power supply. End of cable terminated with a universal conductor.

Remote Display– 6 digit LCD housed in a molded enclosure with a 7 ft cable



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