

NCI Model 7824 and 7840 Bench Scales



With a fast digital response and large weigh 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.



NCI Model 7824 shown with standard stainless steel weigh platter.

FEATURES & BENEFITS

- > **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.
- > **Internal Display** 1/2" H, six-digit LCD display.

SPECIFICATIONS

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

Note: Default configuration as postal weight classifier.

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

Dimensions:

7824	24" x 24" x 4.5" (610 mm x 610 mm x 114 mm)
7840	18" x 24" x 4.5" (457 mm x 610 mm x 114 mm).

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

Operating Environment:

Temperature: 42° F to 104° F (5° C to 40° C)
Relative Humidity: 10 to 95% (non-condensing).

Agency Approvals:

United States: NTEP #95-121

Canada: MOI #AM-5099 Rev 1

For use as a Class III device from +5°C through 40° C

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.

Shipping Weight:

7824	108 lbs/ 50 kg, standard configuration
	125 lbs/ 57 kg, with ball-top
7840	70 lbs/ 32 kg, standard configuration
	76 lbs/ 35 kg, with ball-top

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** Six-digit LCD housed in a molded enclosure with a 7-ft. cable.

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