

A pediatric scale that safely weighs all your patients, from infants to toddlers



- Weigh active children quickly and accurately
- Unique fold-down ends allow patients to be weighed seated or lying down
- Available as table-top or roll-around models

Pediatric Smart Scale® Model 50



Accurate measurements

- Computes weight to the nearest ounce or 0.02 kg
- Automatically zeros itself when turned on and signals after three seconds when zeroing is complete
- Zero (tare) button allows extra weight, such as blankets or toys, to be cancelled out to accurately weigh child only

Easy to use

- Fully Automatic – after placing child on the scale, weight is displayed continuously
- Averaging Button – allows active children to be weighed within seconds
- Memory Recall Button – enables display of last averaged weight, even if the scale has been turned off

Flexible and efficient

- Weigh children within seconds, even when they are moving
- Using fold-down ends, patients can be weighed seated or lying down - from infant to 3 years old
- Operates on rechargeable batteries or connected to an electrical outlet while batteries are recharging
- Available as either a table-top model or as a roll-around model on a sturdy cart

Safe

- Features rounded corners and comfortable shape
- Fold-up sides ensure patient placed in scale is securely enclosed
- Stable weighted base provides anti-slip and anti-slide properties

Roll-Around Pediatric Smart Scale® Model 51



- Patient is protected with scale securely anchored to the sturdy roll-around base
- Padded crash-bar handles at both ends protect the scale when moved around
- Lower height enables easier placement of patients on the scale, while reducing potential back strain for the clinician
- Four fully-swiveling, ball-bearing casters enable easy maneuvering
- Supplies can be stored in large enclosed cabinet with transparent doors

Technical Specifications

Resolution

0.02 kg / 1 oz

Capacity

Infant scales safely hold up to 25,000 grams (55 lbs)

Battery Operation

Internal Ni-Cad batteries included. Automatically recharges when connected to an electrical outlet.

Electrical Requirements

120V~, 60Hz, 6' Power Cord with hospital-grade connector.

Electrical Safety

CSA C/US certified to C22.2 601.1 M90 and UL 60601-1

Calibration

Recalibration procedure can be performed by hospital technicians. (Note: All scales require periodic calibration checks using standard weights.) NIST-traceable calibration weight available; see Ordering Information.

Ordering Information

Olympic Smart Scale Model 50 - Table Top

Complete with internal rechargeable batteries.

PART NO. 56350

Olympic Smart Scale Model 51 - Roll-Around

Complete with internal rechargeable batteries.

PART NO. 56351

Calibration Weight

12.5 kg ± 1.0 gm. NIST-traceable. Two nickel-plated steel weights.

PART NO. 56357

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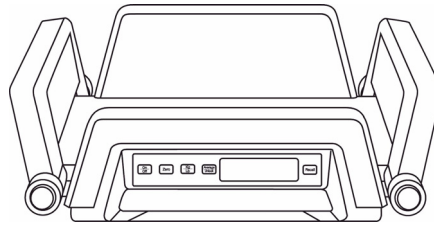
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For Information or Ordering
Call 1-800-303-0306

(toll-free in US/Canada)

Specification



Olympic Smart Scale® Models 50/51

Intended Use

The Olympic Smart Scale Models 50/51 are intended for weighing infants and children up to 55 lb (25 kg).

Dimensions

Size – Scale, Both Ends Up

10-in. high x 28-in. wide x 22-in. deep
25.4-cm high x 71.1-cm wide x 55.9-cm deep

Size – Scale, Both Ends Down

10-in. high x 38.8-in. wide x 22-in. deep
25.4-cm high x 98.6-cm wide x 55.9-cm deep

Size – Model 51 Cart Only

29.5-in. high x 44-in. wide x 23.5-in. deep
74.9-cm high x 112-cm wide x 59.7-cm deep

Weight – Scale Only

51 lb 23.1 kg

Weight – Model 51 Cart Only

93 lb 42.2 kg

Electrical

Power Requirements

- Voltage: 120V~
- Consumption: 275mA
- Frequency (current): 60 ±5 Hz

Ground

Does not exceed 0.13Ω

Fuses

- One internal pico fuse
- Two internal 3AG Slo-Blo fuses

Battery Pack

Single pack with six 1700mAh SC Ni-Cad rapid-charge batteries;
7.2Vdc nominal

Environmental

Temperature

- Operating: 50–104°F 10–40°C
- Shipping: -40–158°F -40–70°C
- Storage: -4–113°F -20–45°C

Relative Humidity (RH)

- Operating: 10–95%, non-condensing
- Shipping/Storage: 10–100%, condensing

Operating Altitude (Maximum)

10,000 ft 3,000 m

Shipping/Storage Pressure

0.5–1.0 atm 500–1060 hPa

Controls

- **ON/OFF (DISPLAY):** Turns the scale display on or off.
- **KG/LB:** Changes the display between measurement units of pounds-ounces and kilograms.
- **AVERAGE/UNLOCK:** Calculates a four-second average an active patient and locks it on the display. Press again to unlock the display.
- **ZERO:** Cancels (tars out) the weight of any objects (e.g., blankets, toys) on the weighing platform; use before placing the patient on the platform.
- **RECALL:** Displays the last locked weight after the display has turned off.

Display

Light-emitting diodes (LEDs) for weight display and indicator lights

External Connections

Hospital-grade power cord

Product and Accessories

Item	Catalog No.
Smart Scale Model 50	56350
Smart Scale Model 51	56351
Roll-Around Base (cart)	56359
Calibration Weights (two, 12,500±1 gm)	56357

Regulatory, Electrical Safety, and Classifications

- FDA Class 1, Patient Scale
- Health Canada Class I
- CSA Class I
- CSA 601.1
- IEC 60601-1-2
- UL 60601-1
- Ordinary Equipment (IPX0)
- Type B Applied Part

Service

Service can be performed by hospital technicians. Parts are often available on an overnight express basis.

Warranty

One-year warranty on parts.

Electromagnetic Interference

The Smart Scale complies with IEC 60601-1-2(2001).

Product Disposal

Disposal of the Smart Scale does not require any special precautions. Dispose of according to your local disposal regulations. The nickel-cadmium (Ni-Cad) battery must be disposed of properly. The internal battery pack can be recycled by contacting the Rechargeable Battery Recycling Corporation (RBRC) at 1-800-822-8837 or www.rbrc.org. If the battery pack is not recycled, it must be disposed of as Hazardous Waste.