

# MS1000

## Bariatric/Handrail Scale CE



- **Accuracy**– Provides consistent accuracy within 0.1% and comes equipped with a simple to operate indicator for fast LED digital readout
- **Capacity**– 500 kg (1000 lb)
- **Construction**– Powder coated rugged steel with smooth top plate surface and two handles and wheels to easily relocate. Adjustable foot pads to work effectively on uneven floors. Built-in ramp ends for recessed floors.
- **Low Profile**– 63.5 mm (2.5") high
- **Easy Assembly**– No installation costs or parts that require maintenance. Just place the scale on a hard surface and level by adjusting the foot pads. Connect the power and you're ready to go.
- **RS-232 Output**

# MS-1000 Bariatric/Handrail Scale

## Specifications



**Capacity:** 500 kg x 0.2 (1,000 lb x 0.5 lb)

**Loadcell:**

Sensitivity: 0.3mV/V---3mV/V

Input Resistor: >80 ohm

Outputs: <10 k ohm

Wiring: Pin 1: Red, Excitation +

Pin 2: Black, Excitation -

Pin 3: Green, Signal -

Pin 4: White, Signal +

**Overload Capacity:** Capable of withstanding  
150% capacity of weight without damaging the scale

**Construction:** Powder coated rugged steel with smooth  
top plate surface with four 1000 ohm loadcells

**Unit Dimension:**

Weighing platform: 800 mm x 800 mm x 46 mm  
(31.5" x 31.5" x 1.8")

Total length with ramps: 1050 mm x 1050 mm  
(41.3" x 41.3")

**Stainless Steel Guard Rail Dimension:**

860 mm x 700 mm (33.85" x 27.6)

**Unit Weight:** 48 kg (106 lb)

**Package Dimension:**

1300 (L) mm x 1200 mm (W) x 160 mm (H)  
51" L x 47" W x 6" H

**Shipping Weight:** 84 kg (185 lb)

**Product Code:** 816965004805

**Packaging Contents:** Platform, handrail and hardware

**Construction:** ABS plastic

**Dimension:** 247 mm (W) x 133 mm (L) x 165 mm (H)  
9.75" W x 5.25" L x 6.5" H

**Display:** 6 digit 20 mm (0.8") LED display

**Annunciators:** On/Off/Zero; Tare; Units; Hold/Print

**RS-232:** Full Duplex, standard 9 pin straight pass through  
interface connector (interface cable included)

**Keyboard:** On/Off/Zero, Tare, Units, Hold/Print

**Calibration:** Front panel calibration

**Loadcell Excitation Voltage:** +4.4 VDC (max current 55mA)

**Power:** 120/220VAC @ 60/50Hz, 12 VDC, 500mA, UL, CE &  
BS approved external US, UK and EU adapter (included)

**Rechargeable Internal Battery:** 6V4AH lead acid battery  
up to 30 hours of continuous use between charges

**Operating Temperature:** 5° C to 35° C (41° F to 95° F)

**Tare:** 100% subtractive

**Auto-off:** Selectable between 1 to 15 minutes after inactivity

**Resolution:**

Display: 500 -100,000d; internal approximately  
520,000 counts

**Packaging Dimension:**

254 mm (L) x 330 mm (W) x 254 mm (H)  
10" L x 13" W x 10" H

**Shipping Weight:** 3 kg (7 lb)

**Packaging Contents:** Indicator, RS-232, manual, 3 power  
adapters, bracket with hardware

**Warranty one year from shipment**



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