## Technical Specifications

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<th>Description</th>
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<td>BOD POD GS-X</td>
<td>Gold Standard body composition tracking system</td>
<td>A-661-230-040</td>
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### Standard Packaging

- BOD POD unit, Power Supply, Electronic Scale, 10 kg Calibration Weights (2 pcs), USB Cable, OMNIA® Software, Window Cleaner, Window Cleaning Cloths, COSMED Lycra Cap, Nose Clip, Operator’s Manual

### Measurements

**Body Composition**
- Body Mass, Body Volume, Body Density, Fat Mass (kg and %), Fat-Free Mass (kg and %), Thoracic Gas Volume (TGV)

**Mass Measurement**
- Type: High precision digital scale
- Dimensions & Weight: 35.6 x 40.6 x 8.9 cm / 10.9 kg
- Weight range: up to 250 kg
- Accuracy: 0.05%
- Calibration: 20 kg weights

**Volume Measurement**
- Type: Air Displacement Plethysmography
- Chamber volume: 500 L
- Accuracy: ±100 ml of cylinder volume
- Calibration: Automatic

### Environmental Conditions

- Temperature: 21-27°C (operating); 5-38°C (storage)
- Humidity: 20-70% (non-condensing)
- Barometric pressure: 75-106 kPa

### Hardware

- Dimensions & Weight: 167x84x135 cm / 250 kg
- Power supply: 100-240V ± 10% 50/60 Hz
- Software: OMNIA
- Available languages: English, Chinese (Traditional & Simplified), Czech, Dutch, French, German, Greek, Hebrew (interpretation only), Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Turkish

### PC Requirements

- Windows 7 SP1 (32 bit, 64 bit), Windows 8.x (32 bit, 64 bit), Windows 10 (32 bit, 64-bit), Windows 11 (64bit), CPU ≥ 2Ghz, RAM ≥ 4GB, HD ≥ 10GB for full installation, Monitor resolution ≥ 1366x768 pixel, ≥2 USB port

### Options/Accessories

- **Pediatric Option™**
  - Body Composition for age range: 2-6 years (as small as 12 kg)
  - A-661-230-042

- **Lung Volumes Module**
  - Thoracic Gas Volume (TGV)
  - A-670-100-027

- **Workstations (Carts)**
  - Several Medical Carts available

### Peripherals

- PC, Monitor, Printer

### OMNIA Network

- LAN/WAN network environment
- A-670-200-013

### OMNIA Connector

- Connection to Hospital Information System via HL7 protocol
- A-661-230-042

### Consumables

- **Breathing tube & Filter**
  - Single use for Thoracic Gas Volume test (50 pcs.)
  - A-661-923-008

- **Nose clip**
  - Single use for Thoracic Gas Volume test (25 pcs.)
  - A-661-923-001

- **Lycra cap**
  - Reusable for Body Composition test
  - A-661-923-137

### Safety & Quality Standards

- MDD (93/42 EEC); FDA 510(k); EN 60601-1 (safety) / EN 60601-1-2 (EMC)