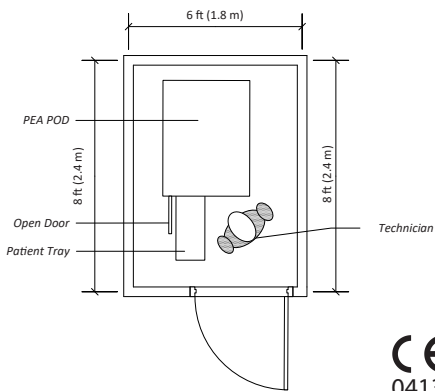




Technical Specifications



CE
0413

| Product | Description | REF |
|---|---|---------------|
| PEA POD | Gold Standard infant body composition tracking system | A-661-230-025 |
| Standard packaging | PEA POD unit, PC/Monitor, Printer, Volume Phantom, Calibration Weight, PEA POD Software, Window Cleaner, Window Cleaning Cloths, Air intake pre-filter (4 pcs), Subject Cap (10 pcs), Operator's Manual | |
| Measurements | | |
| Body Composition | Body Mass, Body Volume, Body Density, Fat Mass (kg and %), Fat-Free Mass (kg and %), Thoracic Gas Volume (estimated) | |
| Mass Measurement | | |
| Type | High precision digital scale | |
| Weight range | up to 10 kg | |
| Accuracy | ± 2g | |
| Calibration | Certified 2 kg weights | |
| Volume Measurement | | |
| Type | Air Displacement Plethysmography | |
| Chamber volume | ≈ 36 L | |
| Accuracy | ±6 mL | |
| Calibration | Automatic with internal calibration volume | |
| Environmental Conditions | | |
| Temperature | 20-28° C (operating); -21-75°C (storage) | |
| Humidity | 20-70% (non-condensing) | |
| Barometric pressure | 75-106 kPa | |
| Hardware | | |
| Dimensions & Weight | 156.2x79.8x122.4 cm / 300kg | |
| Power supply | 100-240V ± 10% 50/60 Hz | |
| Software | | |
| Available languages | English | |
| PC Configuration (PC included) | Windows 10 (64 bit) Minimum requirements: Windows XP Pro (32 bit), Windows 7 (32 bit) | |
| Consumables | | |
| | Description | REF |
| Subject cap | Reusable for Body Composition test | A-661-923-036 |
| Air filter | Air intake pre-filter (4 pcs) | A-661-923-042 |
| CO2 sensor | Calibrated sensor for test chamber concentration monitoring | A-558-050-007 |
| Safety & Quality Standards | | |
| MDD (93/42 EEC); FDA 510(k); EN 60601-1 (safety) / EN 60601-1-2 (EMC) | | |



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