Flexible range of medical-graded carts for clinical and research purposes

- **Ergonomic design**
- **Quick and effective cleaning**
- **Possibility to fit up to 2 monitors**
- **Choice between 1 or 3 cylinder place holder**
- **Electrified supporting column**
- **Cable management system**
- **UPS ready**
- **Isolation transformer**

COSMED electrified medical carts are designed for comfortable and safe use of Quark devices (Quark PFT, Quark CPET, Quark Spiro, Quark RMR, Q-Box). Device, PC, monitor (one or two according to cart model and chosen configuration), printer and cylinders (1 or 3 according to cart model) can easily be placed on the cart ensuring an orderly and organized work environment. The ergonomic design of COSMED carts is conceived for operator’s needs: quick and effective cleaning, full load stability, solid support shelves, comfortable accessory compartments and drawers. The carts are also equipped with high sliding wheels with locking system.

The electrified supporting column allows the direct connection of the medical devices with the cart. A cable management system ensures no trip hazards. The built-in isolation transformer ensures compliance with the medical standard IEC 60601-1.

### Technical Specifications

<table>
<thead>
<tr>
<th>Product</th>
<th>3 cylinder holders cart</th>
<th>1 cylinder holder cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF Number</td>
<td>C02900-01-04 (230V)</td>
<td>C03550-01-04 (230V)</td>
</tr>
<tr>
<td></td>
<td>C02900-02-04 (120V)</td>
<td>C03550-02-04 (120V)</td>
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</tbody>
</table>

#### Hardware

- **Material**: Steel and self-extinguishing plastic
- **Dimensions**: 70x67x101 cm (3 cylinder holders cart), 53x68x107 cm (1 cylinder holder cart)
- **Weight**: 66 Kg (3 cylinder holders cart), 42 Kg (1 cylinder holder cart)

#### Power Supply 230 VAC

- **Voltage**: 220-240 VAC
- **Frequency**: 50/60 Hz
- **Power consumption**: 1000 VA

#### Power Supply 120 VAC

- **Voltage**: 100-120 VAC
- **Frequency**: 50/60 Hz
- **Power consumption**: 1000 VA

#### Wheels

- **Number**: 4 (2 with brakes)
- **Material**: Polypropylene (tread in Tenteprene)
- **Maximum load**: 80 kg for each wheel

#### Maximum Loads

- **Table arm**: 400 g
- **PC/Monitor shelf**: 15 kg
- **PC/Printer shelf**: 15 kg
- **Supplementary shelf**: 10 kg
- **Drawer**: 5 kg
- **Cylinder space**: 10 kg each cylinder
- **Accessories location**: 2 kg uniformly allocated

### Safety & Quality Standards

- IEC 60601-1/EN 60601-1; Class I type B device
- UNI EN ISO 13485:2003 (Registration n° 387-M Cermet)
- Medical Device Directive (CE mark). MDD 93/42/EEC. Class I

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**KEY**

- A. Monitor holder
- B. Adjustable arm or 2nd display holder
- C. Top for PC
- D. Accessories and spare parts drawer
- E. Unit holder
- F. Flowmeters holding space (on the hidden side)
- G. Allocated space for cylinders (3 or 1)
- H. Printer, Canopy and/or Tower PC shelf
- I. Additional shelf
- J. Wheels (with locking system)

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**COSMED Srl**
Via dei Piani di Monte Savello 37
Albano Laziale - Rome 00041, Italy
+39 (06) 931-5492 Phone
+39 (06) 931-4580 Fax
info@cosmed.com | cosmed.com

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