The Deployable Charging System - Oxygen is designed to provide the ultimate in flexible performance and safety for filling Medical Oxygen and Aviators Breathing Oxygen cylinders.

Fully compatible with the Cobham line of Medical Oxygen Concentrators, DCS-O is the only device on the market that assures the purity of the oxygen product that is being filled.

The DCS-O uses an RS-232 interface to the solid state oxygen monitor on the oxygen supply concentrator to constantly monitor the purity of the oxygen being filled. If oxygen purity drops below the USP 93 or Aviators Breathing Oxygen requirements, the DCS-O will halt the cylinder filling operation and alert the operator.

As the designer of the world’s first cylinder filling concentrator for the home oxygen therapy market and the premiere supplier of On-Board Oxygen Generating Systems (OBOGS) for military aviation, Cobham is your trusted source for quality oxygen generation and high-pressure storage products for both military and medical applications.

### Features
- Integrated MIL SPEC/DOT shipping container
- Electric power cord - 12 feet
- Oxygen supply hose 10 feet w/DISS 1240 connector
- Fill whip (2) stainless steel wrapped, Teflon core w/CGA 870 connector
- Fills any size cylinders with compatible post valve connections
- Cylinder post valve compatibility: CGA - 540 post valve adapter
- Power indicator (lighted)
- Fill/Full indicator (lighted)
- Fault indicator (lighted)
  - Low pressure/Low O2 concentration
  - Incomplete fill cycle < 2,000 psig
- RS-232 outlet/cable - interface to compatible O2 source
- Operation and maintenance manual

### Specifications
- Model number: MP-C11-0000-01
- Weight: 155 lbs (70.3 kg) maximum
- Length: 32 in (81.3 cm)
- Width: 27 in (68.6 cm)
- Height: 20 in (50.8 cm)
- Output pressure: 2,300 psig maximum
- 2,000 psig nominal
- Output flow: 16.9 scfh (8 slpm)
- Inlet pressure: Minimum 20 psig
  - (reduced capacity @ 5 to 19 psig Maximum 50 psig
  - (regulated to 25 psig maximum)
- Supply gas: Oxygen USP 93;
  - 8 slpm @ 20 to 50 psig
- Operating temperature: 40°F (4°C) to 104°F (40°C)
- Storage temperature: -60°F (-50°C) to 160°F (70°C)
- Electrical power requirement: 115 ± 10% VAC / 60 Hz, 15 A

### Compatible O2 Source(s)
- Patient Ventilation Oxygen Concentrating System (PVOCs)
  - Model Number: MC-034-0000-00
- Mobile Oxygen Concentrating System (Mobile O2)
  - Model Number: MC-021-0000-01

CAGE Code 99251
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