The Omega™ 1500 CO₂ spray cleaning module is a tabletop cleaning device that delivers a precisely controlled stream of solid carbon dioxide particles at high velocity. By selecting the appropriate nozzle and making the necessary propellant pressure and temperature adjustments, it will clean to a variety of surface cleanliness levels. The Omega™ 1500 is capable of cleaning dust, debris, and light oils from plastic, metal, or glass parts, as well as light deburring and flux removal. Incorporate our HEN and Wide-Angle Nozzles to your selected automation system to provide precision cleaning of parts from specified locations for maximum efficiency. System can be standalone or an integrated system.

The Omega™ 1500 CO₂ spray cleaning module requires only a small footprint and can retrofit onto existing automation and robotics. Installation is fast with a single, front panel I/O connector, integrated single-point-of connection facilities. The cleaning process is “dry”, allowing parts to be cleaned without removal of moisture sensitive components, resulting in reduced human interaction, higher throughput, and decreased cost-of-ownership.

**OMEGA™ 1500 Highlights:**

- Single Channel
- Manual or Remote Operation
- System Ready LED to Indicate Spray Parameters
- Configured for Variety of Cleaning Nozzles (Coaxial, Coanda, HEN, Wide Angle Nozzles)
- Front Facing Panel for All Controls and Connections
- Easy Installation / Integration into Existing Operation
- Local or Remote Communication for Spray Control
- CDA Pressure Regulator and Temperature Controller
- CO₂ Flow Control
- Filters CO₂ and compressed air
- Optional Additive Injection (if required)

**Specifications:**

**Dimensions:**
- Width: 19.25 in (489 mm)
- Height: 7.25 in (184 mm)
- Depth: 15 in (381 mm) – Add 2 in (51 mm) for controls

**Electrical Power:**
- 200-240 VA, 50/60 Hz, 15 Amp service

**Drive Air:**
- 90 - 120 psi (6.2 – 8.25 Bar) @ 15 SCFM (425 SLPM)

OMEGA™ 1500

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