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Precision Engraving:

- The YL H-Series CO2 Laser Tubes offer superior construction to produce stable laser beams for precise markings on a wide variety of materials.
- Cut through thick materials and engrave your designs faster, deeper, and clearer.
- The water outlet and inlet allow efficient flow of cooling water.
- Made out of borosilicate glass, copper, and aluminum alloy
- Equipped with threaded poles to attach a red laser guidance system (not included) that allows easy mirror alignment. No more taping your mirrors!
- Simple and easy-to-use grounding and power connections
- We recommend using the OMTech CW-5200 industrial chiller with distilled water to maximize the laser tube's lifetime.

High-Power Specs:

- Rated Power: 100W
- Peak Power: 130W
- Beam Diameter: 0.24 in. (6 mm)
- Wavelength: 10600 nm
- Length: 4 ft. 9 in. (1450 mm)
- Outer Diameter: 2.4 in. (60±2 mm)
- Operating Voltage: 22kV
- Trigger Voltage: 31 kV
- Operating Current: 22 mA
- Rec. Operational Temperature: 60-90°F (15-32°C)
- Recommended Humidity: 30-60%
- Net Weight: 5 kg (11 lb.)
- Cut up to 10 mm (3/8") thick plywood and acrylic/plexiglass

Extended Lifetime:

- 100W Borosilicate Glass CO2 Laser Tube with an estimated lifetime of up to 12,000 operation hours depending on power setting usage and water cooling performance
- PLEASE NOTE: Frequent use of high laser power settings will shorten the laser tube lifetime as follows:
  - Low Power 10-40% = 11,000-12,000 Hours
  - Moderate Power 40-70% = 8,000-10,000 Hours
  - High Power 70-100% = 4,500-5,000 Hours

Advanced Features:

- EASY TO INSTALL:** The preinstalled YL cathode and anode terminal connections with a full metal structure allow safer and faster replacement.
- SAFE AND SOUND:** The inner tube for the engraving laser beam is surrounded by built-in water tubing and a hermetically sealed outer tube to keep it cool and high functioning. Ports at either end allow easy connection with your water pump or industrial water chiller, and a protective cap shields the high-voltage anode from any shorts or arcing.

Package Includes:

- 1 x H4 100W Laser Tube
- 1 x User Manual

Warranty:

- No need to worry! We offer a 9-month warranty on this laser tube.

Certifications:

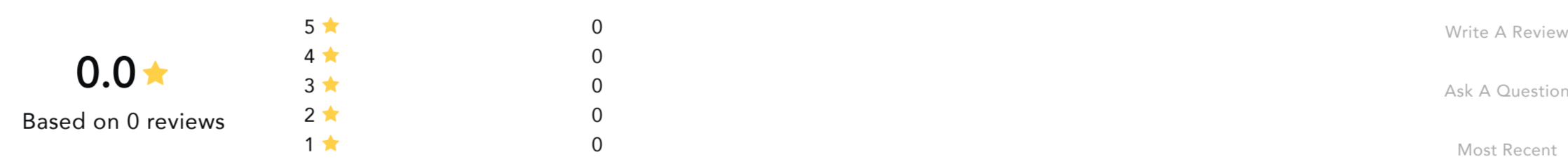
- FDA Compliant
- CE Certification
- ISO9001 Quality Certification

SUMMARY:

Replace your old tube with OMTech's heavy-duty H4 laser tube. Made of tough borosilicate glass, this durable 100W CO2 laser tube leaves competitors behind. Designed for medium-sized CO2 laser engraving machines, it is 4'9" (1450 mm) long and 2.4" (60 mm) in diameter. It installs quickly and easily: just wrap your power supply's connecting wires around the anode and cathode's connections and hook your water cooling system to the pipe fittings at either end.

Order today knowing your purchase is protected by OMTech's good name, premium materials, and superior craftsmanship.

CUSTOMER REVIEWS



Write A Review







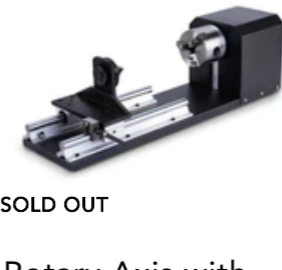



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