



CO-SERIES CO₂ Lasers

The Telesis CO-Series Laser Markers, available in two different power levels, the 10W Model CO10A, and the 60W Model CO60, are excellent choices for high duty cycle applications on plastic, rubber, wood, paper, anodized metal and label marking applications. They are perfect for “Marking-on-the Fly” as well as stationary marking. Their RF-excited CO₂ tube assures a long life cycle as well with virtually maintenance-free operation. Due to their compact size and modular construction, the CO-Series markers can go almost any place they are needed on the plant floor.



Model C10 Controller



LASER MARKER SPECIFICATIONS

Compliance.....	CDRH, CE
Wavelength.....	10.6um
Laser Type.....	CO ₂
Head Weight.....	19.1 kg (42.0 lbs.)(10W) 30.0 kg (66 lbs.)(60W)
Controller Weight.....	8.0 kg (18.0 lbs.)
CW Power CO10A.....	10 W
CW Power CO60.....	60 W
CO10A.....	85.7(L) x 16.5(W) x 22.1 cm(H) (33.7" x 6.5" x 8.7")
CO60.....	97.1(L) x 21.0(W) x 22.1 cm(H) (38.2" x 8.3" x 8.7")
Controller Dimensions.....	42.5(W) x 14.0(H) x 50.4cm(D) (16.7" x 5.5" x 19.9")
Input Power.....	100 – 240 VAC, 50 – 60 Hz
Cooling.....	Air Cooled, Fan/Filter (no water cooling required)
Operating Temperature Range.....	16 – 35°C (61-95°F) Non-Condensing

STANDARD LENS CONFIGURATIONS

FOCAL LENGTH	MARKING FIELD
75 mm.....	50 mm X 50 mm (1.97" X 1.97")
100 mm.....	70 mm X 70 mm (2.76" X 2.76")
150 mm.....	100 mm X 100 mm (3.94" X 3.94")
200 mm.....	140 mm X 140 mm (5.51" X 5.51")

Other lens configurations are available

MARKING SPEED*

- Up to 152 m/minute (500 ft./minute) line speed for “Mark-on-the-fly” applications
- 900 characters/second

*Character marking speeds and production line speeds depend on material, character size and the desired marking quality.

SOFTWARE

Software.....	MERLIN® II LS (see page 23)
Operating System.....	Windows® 2000, Windows XP, Windows Vista™, or Windows® 7 with Desktop PC (Std), Optional Laptop
Communication Interface.....	Serial, TCP/IP, I/O



QR Code Web Page Product Link

DATA MATRIX™ 2-D Code Marking Capability
Meets all Department of Defense UID Requirements