



**CO-SERIES
CO2 Lasers**

The Telesis CO-Series Laser Markers, available in three different power levels, the 10W Model CP10, the 30W Model CO30 and the 50W Model CO50, are excellent choices for many plastic, 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 and 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.



Marking Head Weight.....	13.8 kg (30.4 lbs.)(10W) 26.3 kg (58 lbs.)(30W) 25.45 kg (56 lbs.)(50W)
CW Power CO10.....	10W
CW Power CO30.....	30W
CW Power CO50.....	50W
Controller Dimensions.....	49.28(W) x 20.07 (H) x 50.80cm (D) (19.4" x 7.9" x 20.0")
CO10.....	78.10(L) x 15.93 (W) x 20.65cm (H) (30.75" x 6.27" x 8.13")
CO30.....	97.35(L) x 14.71 (W) x 20.49cm (H) (38.33" x 5.79" x 8.07")
CO50.....	114.35(L) x 14.6 (W) x 20.78cm (H) (45.02" x 5.75" x 8.18")
Controller Weight.....	14.3 kg (31.5 lbs.)
Input Weight.....	100 – 240 VAC, 50 – 60Hz
Operating Temperature Range.....	16 – 35°C (61-95°F)

STANDARD LENS CONFIGURATIONS

FOCAL LENGTH	MARKING FIELD
75mm	50mm X 50mm (1.97" X 1.97")
100mm	70mm X 70mm (2.76" X 2.76")
150mm	100mm X 100mm (3.94" X 3.94")
200mm	140mm X 140mm (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*
- 400 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 15)
Operating System.....	Windows® 2000, Windows XP, or Windows Vista™ Desktop PC (Std), Optional Laptop
Communication Interface.....	Serial, TCP/IP, I/O



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