



10 WATT • 30 WATT LASER MARKING SYSTEM



HIGH-SPEED MARKING FOR TRACK AND TRACE

Great for marking organic materials like **wood, rubber, paper, and ceramic**

Equally **capable at stationary bench-top use and mark-on-the-fly** installations

Excellent choice for **heavy industrial and high-duty cycle applications**

Outstanding way to **eliminate consumables and lower production costs**

SCHEDULE A DEMO
OR REQUEST A QUOTE

SALES@TELESISTECH.COM
800.654.5696
TELESIS.COM

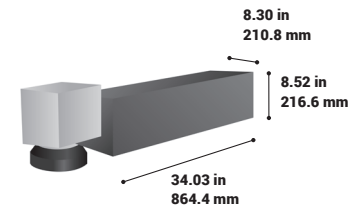
MODELS

CO2 • 10W	10 Watt
CO2 • 30W	30 Watt

LENS OPTIONS

Diameter	Marking Area (in)	Marking Area (mm)
100 mm	2.76 in x 2.76 in	70 mm x 70 mm
160 mm	4.33 in x 4.33 in	110 mm x 110 mm
210 mm	5.51 in x 5.51 in	140 mm x 140 mm
350 mm	9.84 in x 9.84 in	250 mm x 250 mm

DIMENSIONS



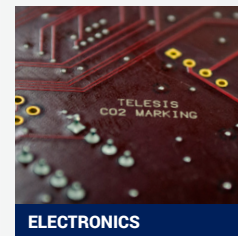
GREAT FOR MARKING



FOOD PACKAGING



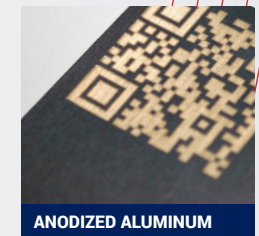
WOOD



ELECTRONICS



ACRYLIC



ANODIZED ALUMINUM





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LASER TYPE	RF-EXCITED, CONTINUOUS WAVE, SEALED-TUBE, CARBON DIOXIDE
WAVE LENGTH	10.6 MICROMETERS (µM)
MAXIMUM POWER CONSUMPTION	LESS THAN 550 WATTS
POSITIONING	VISIBLE RED DIODE LIGHT

LASER HEAD SIZE (in) (LXWXH)	34.03 in X 8.30 in X 8.52 in
LASER HEAD SIZE (mm) (LXWXH)	864.4 mm X 210.8 mm X 216.6 mm
LASER HEAD WEIGHT	56.0 lbs (25.4 kg)

CONTROLLER	C18 CONTROLLER (EXTERNAL PC) C18E CONTROLLER EMBEDDED (INTERNAL PC)
CONTROLLER SIZE (in) (LXWXH)	18 in X 17.340 in X 5.53 in
CONTROLLER SIZE (mm) (LXWXH)	457 mm X 440 mm X 140 mm
CONTROLLER WEIGHT	22 lbs (9.98 kg)

LENS OPTIONS (in) + MARKING WINDOW	LENS	MARKING AREA	W.C.
	100 mm	2.76 in X 2.76 in	3.19 in
	160 mm	4.33 in X 4.33 in	5.16 in
	210 mm	5.51 in X 5.51 in	7.24 in
	350 mm	9.84 in X 9.84 in	14.21 in

LENS OPTIONS (mm) + MARKING WINDOW	LENS	MARKING AREA	W.C.
	100 mm	70 mm X 70 mm	81 mm
	160 mm	110 mm X 110 mm	131 mm
	210 mm	140 mm X 140 mm	184 mm
	350 mm	250 mm X 250 mm	361 mm

RESOLUTION	16-BIT (LENS DEPENDENT)
FONT	TRUETYPE, STD. VECTOR, CUSTOM VECTOR
BARCODE	YES
2D MATRIX CODE	YES
GS1 DATABAR	YES
LOGO IMAGE	YES
MACHINE OPERATION	MANUAL OR AUTOMATIC
LASER MARKING HEAD CABLE	6 FEET (1.8M) DETACHABLE
LASER/GALVO CONTROL CABLE	12 FEET (3.6M) DETACHABLE
COOLING	AIR-COOLED, FANS

OPERATING TEMP (F)	59°F TO 86°F
OPERATING TEMP (C)	15°C TO 30°C
RECOMMENDED TEMP (F)	61°F TO 75°F
RECOMMENDED TEMP (C)	16°C TO 24°C
AMBIENT HUMIDITY	10% TO 90% NON-CONDENSING

COMPLIANCE	CDRH
INTERFACE COMMUNICATION	ETHERNET IP, PROFINET, TCP/IP, SERIAL

SOFTWARE	MERLIN® II LS DEVELOPED BY TELESIS
OPERATING SYSTEM	WINDOWS® 7 OR BETTER
TUBE WARRANTY	12 MONTHS
ELECTRONICS WARRANTY	12 MONTHS

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FLEXIBILITY AND PRACTICALITY

**GREAT FOR
HIGH SPEED
MARKING
APPLICATIONS**

**AVAILABLE
WITH
EMBEDDED
CONTROLLER**

**MARKS A WIDE
VARIETY OF
MATERIALS**

**PROVEN
INDUSTRIAL
RELIABILITY**

**EASY
INTEGRATION
WITH
PRODUCTION
LINES**