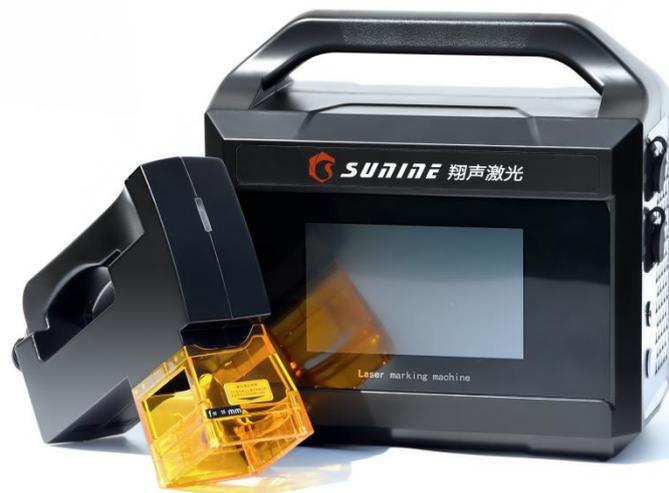# LE Series Handheld Laser Marking Machine

LE10i / LE10i-B

LE Series handheld laser marker from Sunine is a new handheld laser marking system that gives users more flexibility, precision, and ease of use compared to traditional portable laser marking products. Designed and built with patented Sunine laser technologies, LE series represents a paradigm shift due to it's extremely small size and weight, as well as unique software.

LE Series handheld laser marking innovation benefits basic operation, gorgeous mark, quick marking speed, and no consumables. It is designed and developed under the skilled professionals using ideal components according to company's norms, It is portable and hand held, manual model which provides mobility for convenient operation, helps to reach spots hard to access with fixed machines. Due to versatile marking on any application LE series can be used on various materials like wood, MDF, cardboard, leather, ceramics, PCB, painted metals. You can mark any material according to your requirement with same uniformity and standard at the point.

Features

- Compact design, ease of use
- Extremely lightweight and equipped with a handle for increased portability
- 50mm x 50mm and 100mm x 100mm marking area for option
- Built in touch screen display for easier operation
- Wide range of marking materials: **wood, MDF, cardboard, leather, ceramics, PCB, painted metals, etc**.
- 2 types for you to choose from: plug-in and battery
- Air cooled, no need for a water chiller unit
- Low consumable and maintenance cost

Specification	LE10i (Plug-in)	LE10i-B (Battery)
Case material	Engineering plastic	
Laser type	DPSS laser source	
Laser power	≥10W	
Frequency range	0.2-10 kHZ	
Scanning method	High-precision two-dimensional	
Mark speed	≤7000mm/s	
Control system	Highly- integrated motherboard, 7-inch touch screen, Linux system	
Cooling system	Air cooled	
Type of marking line	Dot matrix and vector	
Reflector size	Standard size：8.5mm	
Marking range	Standard：50mm×50mm or 100mmx100mm	
Positioning method	Red-light positioning	
Lines of marking	No limit within the marking range	
Marking speed	650 characters/sec (the specific speed is related to product material and printing contents)	
Fonts	Simplified Chinese, Traditional Chinese, English, Korean, Russian, Arabic numerals and other standard font libraries	
File format	BMP/PNG/JPG/JPEG/GIF/PBM/PLT (PLT is recommended)	
Code type	CODE39, CODE128, CODE126, EAN13, PDF417, 01CODE, QR, AZTECCODE, DM, GS1DM, DOTCODE, HANXINCODE, etc	
Power supply	220V	Battery
Power consumption	≤150W	≤150W
Battery run time	/	At 22℃~40℃: 5.5 hours At 10℃~22℃: 7.5 hours
Full charge time	/	4 hours
Weight	5.8kg	6.4kg
Over-voltage category	Ⅱ	
Working condition	10-42℃, 30 -85% RH (no condensing)	

Dimension