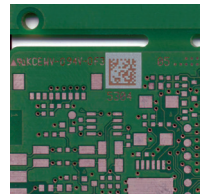
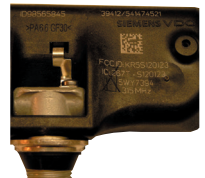


Laser Marking



2D Matrix Code



2D MC and Text

# EasyMarker

## Laser Marking System

Within the IPTE product portfolio, the EasyMarker system is designed for smaller work pieces, and it is also a highly economical solution, also featuring just a minor footprint.

Similar to the SpeedMarker, the working area is integrated into the transport system in favor of short process cycles. It is designed to convey PCBs or work-piece holders.

An additional stopper mechanism can be used for multi-marking purposes.

### Key features

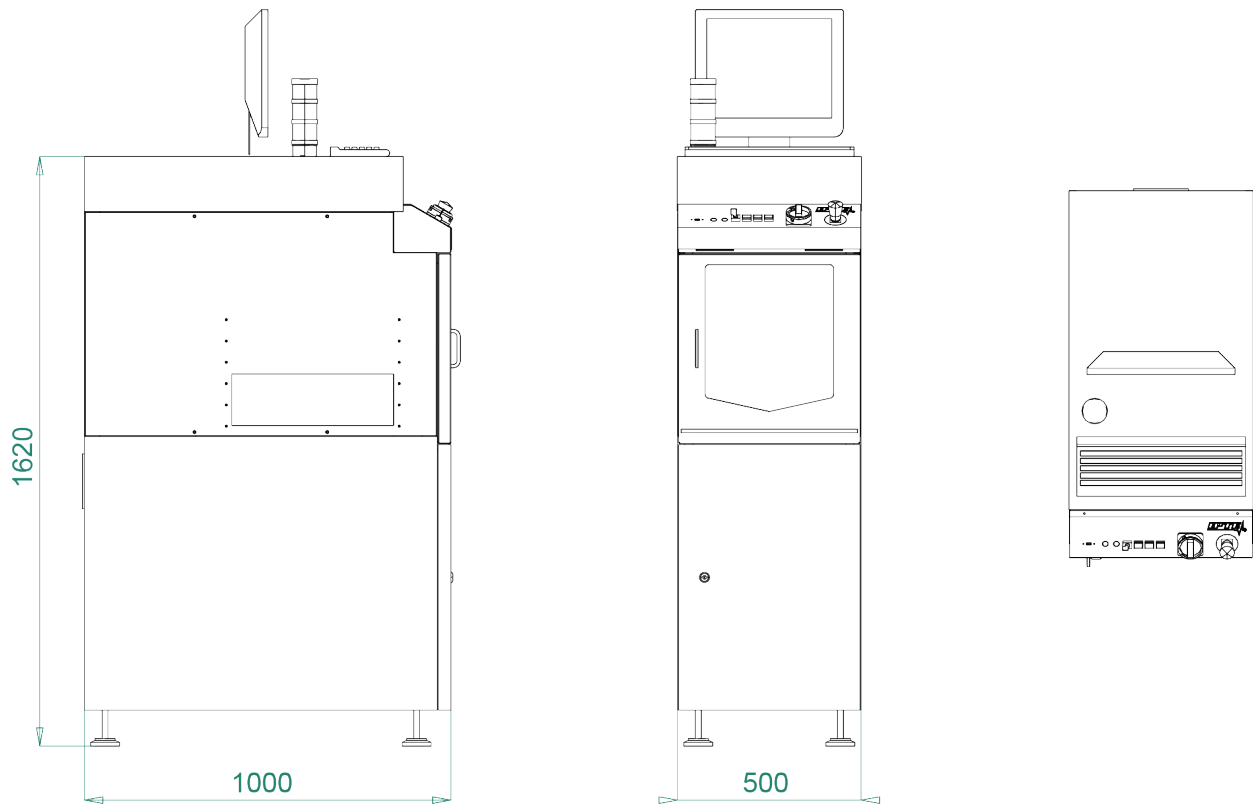
- Economical solution
- Manual adjustable laser, fixed transport
- Standard marking field processing
- Smallest spot diameter
- User friendly HMI
- CO2 or Fiber laser
- PCB or carrier transport
- Fast PCB exchange time

### Options

- Automatic width adjustment
- Fume extraction System
- Verify@Mark
- Code scanner integration
- Positioning accuracy  $\pm 0,1$  mm
- PCB Thickness independent clamping
- Fiducial recognition / alignment
- Board orientation and Bad part recognition

# EasyMarker

## Laser Marking System



### PCB Specification

PCB Width:	50 - 460 mm
PCB Length:	50 - 460 mm
PCB Ratio:	0,8 (length $\geq$ 0,8 x width)
PCB Thickness:	0,8 - 4 mm
Component height (top side):	max. 25 mm
Component height (bottom side):	max. 25 mm
PCB Edge support:	2,0 - 4,5 mm adjustable
PCB Weight:	2,5 kg

### Process Specification

Laser:	CO <sub>2</sub>	Fiber
Field of view:	100 x 100 mm	110 x 110 mm
Field of marking:	335 x 360 mm	optional
Position accuracy:	$\pm$ 0,5 mm	

### Technical Specification

PCB Exchange time	3 sec
PCB Transport speed:	300 - 700 mm/sec
Transport height:	930 - 1.000 mm
Transport direction:	L $\Rightarrow$ R, R $\Rightarrow$ L (to be specified at time of order)
Controller:	Omron
Energy requirements:	230 V AC, 50 Hz, 750 VA
Compressed air:	6 - 20% bar, according to DIN ISO 8573 3.4.5
Color:	RAL 7035 ESD Safe
Dimensions (L x D x H):	500 x 1.000 x 1.620 mm
Weight:	300 kg
Interface:	TS1
Standards:	CE, SMEMA, Laser Class 1