EasyMarker
Laser Marking System

- Economical solution
- Fixed laser, fixed transport
- Standard marking field processing
- Smallest spot diameter
- User friendly HMI
- CO2, YAG or Fiber laser
- PCB or carrier transport
- Fast PCB exchange time
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**PCB Specification**
- PCB Width: 50 - 460 mm
- PCB Length: 50 - 460 mm
- PCB Ratio: 0,8 (length ≥ 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:
  - CO2
  - Field of view: 105 x 105 mm
  - Field of marking: 335 x 360 mm
  - Position accuracy: ± 0,5 mm
- Fiber
  - Field of view: 110 x 110 mm
  - Optional
- YAG
  - Field of view: 110 x 110 mm
  - Optional

**Technical Specification**
- PCB Exchange time: 3 sec
- PCB Transport speed: 300 - 700 mm/sec
- Transport height: 930 - 1,000 mm
- Transport direction: L ⇒ R, R ⇒ 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 1.088 x 1.620 mm
- Weight: 300 kg
- Interface: TS1
- Standards: CE, SMEMA, Laser Class 1

**Options**
- Other field of view on request
- Other field of marking on request
- Integrated electrical flip unit
- Automatic width adjustment
- Fume extraction System
- Mix production
- Verify@Mark
- 1D/2D Reader
- Positioning accuracy ± 0,1 mm
- Network interface with customer database
- PCB Thickness independent clamping
- Fiducial recognition / alignment
- Board orientation
- Bad part recognition

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**IPTE Sales**
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