

PCB on line laser marking machine technical datasheet

Equipment model	M400				
Laser source type	CO2		UV		
Laser power	10W	20W	3W	5W	10W
Working mode	在线On line				
Laser source option	Single laser source/Double laser sources/Single laser source+Panel turnover				
Repeat positioning accuracy	±0.02mm				
Positioning system	CCD + Mark positioning				
Barcode detection system	CCD or online reading detection				
PCB size(mm)	50*50-400*500 (support custom made)				
PCB thickness(mm)	≤5				
Conveyor height	900±20mm				
The thinner PCB anti-warping system	Yes/Have				
Conveyor transportation direction	Left to Right; Right to Left; Left to Left; Right to Right;				
Conveyor width adjustment	Automatic				
Double side marking	Yes/Have				
Engraving object/Type	Character, Symbol, Bar code, 2D code, Graphic data				
Smoke treatment	Smoke purification system				
Software interface	English, Chinese or other popular language interface				
Poka-yoke function	Automatic check the PCB wrong direction/wrong part				
Barcode/2D code data source	Obtain from MES, or generare automatically(fixed content+time+S/N), character database				
Supply electric power source	One phase, 220V, 50/60Hz,				
Compressed air supply	≥0.5Mpa				
Environment requirement	10-35 °C, 30-75RH				
Equipment size(L*W*H mm)	900*1750*1600				
Laser wavelength(nm)	10640		355		
Laser cooling method	Air cooling		Air cooling	Water cooling	
Laser class level	Class 4				