INSIGNUM Laser

Model Overview and Options

	INSIGNUM 1000 Laser	INSIGNUM 2000 Laser	INSIGNUM 3000 Laser	INSIGNUM 4000 Laser	INSIGNUM 2000 Laser Twin
Marking Field (mm)					
105 × 105	✳		✖	✖	
140 × 140	✖				
350 × 350		✖			✖
Marking Area (mm)					
460 × 460				✖	
508 × 508			✖	○	
Upgradeable with second stopper	✳	○			○
Marking Criteria					
Code size 5 mil	✳	✳		✖	
Code size 7,5 mil	✖	✖	✖		✖
Verification					
Scan after print	○	○	○	✖	○
Camera coupling using a galvo-mirror		○			○
Quality evaluation	○		○	○	
Scan on the fly at the inlet	✳	✳	✳	○	✳
Modi reading system from below	✳	✳		✳	✳
Scan from below	○	○	✳	○	○
Scan from below via X/Y stepper motor	✳	✳		✳	
Programming					
ASYMark server tool	○	○	○	○	○
ASYMark offline programming station	○	○	○	○	○
ASYMark database connection	○	○	○	○	○
MES database connection	○	○	○	○	○
Width Adjust and Conveyor					
Electrical width adjust	○	○	○	○	○
Automatic width adjust	○	○	○	○	○
Loader and unloader controlled by INSIGNUM	○	○	○	○	○
Inlet/outlet conveyors	○	○	○	○	○
External flip-station	○	○	○	○	
Integrated flip-station	✳	○		○	
PCB thickness < 0,8 mm	✳	✳	✳	○	○
Side clamps	○	○	○	✖	○
PCB support	○	○	○	✖	
SMEMA Interface	○	○	○	○	○
Sliding conveyor belt	✳				○
Marking Unit					
Fiber laser	○	○	○	○	○
YAG-laser	✳	✳	✳	✳	○
CO_2-laser	✖	✖	✖	✖	✖
Adjustable focus (focus shifter)	○		○	○	
Stationary laser from bottom	✳			✳	✖
Position and Fiducial Recognition					
Color sensor for bad-mark recognition	✳		○	○	
Camera fiducial recognition		○	○	○	○
Camera bad-mark recognition		○	○	○	○
Other					
Exhaust	○	○	○	○	○
Remote Control	○	○	○	○	○

✖ Standard
○ Option
✳ On Request

Laser
CO_2-Laser 10600 nm
Fiber Laser 1064 nm

Upgrades
Line networking via IC Net
Flexible dual lane version