



INDOMAKE INSL800



**PRECISION ENGINEERING, STUNNING RESULTS:
THE MAGIC OF SLA 3D PRINTING.**

MADE IN INDIA



ISO 9001 : 2015
MANUFACTURING
FACILITY



DSIR-GOVERNMENT
OF INDIA CERTIFIED
IN-HOUSE R&D UNIT



MSME
SUSTAINABLE
(ZED)



ISO 13485
CERTIFIED
COMPANY

INDOMAKE INSL800

Salient Features



Top Quality Components

The rigid mild steel frame houses a granite reinforced printing platform with aerospace-grade stainless steel Z-axis that helps minimize vibrations and maximize the precision of your work with the best quality output.



Advanced Laser Quality

Accurate beam quality, better optics, more refined scanning protocols result in precise printing. Real-time control of the laser beam makes optimizing ongoing print handy.



Large Build Volume

INDOMAKE INSL800 can effortlessly print numerous variants of design on its larger printing bed in a single printing session.



Wide Material Compatibility

INDOMAKE INSL800 is compatible with a wide selection of different compatible materials, prototyping for customized solution and low-volume manufacturing becomes all the more feasible.



Client-based Customization

INDOMAKE INSL800 ensures you are Industry 4.0 ready with upgrades ranging from autofocus, automatic material refill, environment sensors, as well as remote diagnostics and control of your print farm.



Flexibility at Beck & Call

INDOMAKE INSL800 readily scales up to work in rapid prototyping end-use products with functional 3D printed designs.

Industries We Cater



Automobile



R&D Labs of Manufacturing Unit



Aerospace & Defence



Art & Craft



Medical & Healthcare



Utilities



Robotics

Material Compatibility

Clear/Transparent

Applications

- Master Patterns
- Concepts & Prototypes
- Fluid Flow Analysis
- Car Headlights



ABS Like

Applications

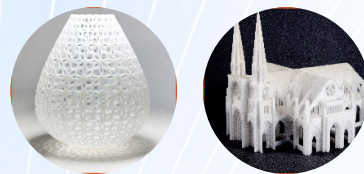
- Functional Prototypes
- Concept Models
- Low-volume Production Parts



Heat Resistance

Applications

- Automobile Industry
- High Temperature Model Making
- Light Diffuser parts
- Upto 120°C, 150°C, 220°C



Tough & Durable

Applications

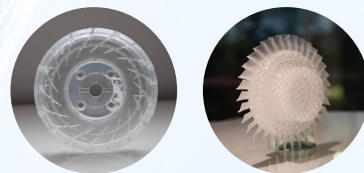
- Functional Prototypes That Need To Be Tough
- Snap-fit Models
- Jigs & Fixtures



Investment Casting

Applications

- Functional Hand Model With High Toughness Requirements
- Snap-on Mode
- Fixture



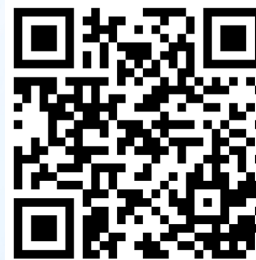
Specifications

Printing Bed Size	800 (W) x 800 (D) x 500 (H) mm	Machine Dimensions	1300 (W) x 2250 (D) x 1800 (H) mm
Scanning Speed	Recommended	6.0 m/s	Maximum 10.0 m/s
Accuracy	Part Size < 100 mm (3.9 in) : ± 0.1 mm (0.004 in)		Part Size > 100 mm (3.9 in) ± : ± 0.1% x L
Printing Speed	75 - 180 g/h (single scanner)		
Layer Thickness	Precision: 0.100 mm Rapid: 0.160 mm Special: 0.06-0.160 mm		
Laser Type	Diode - Pumped solid state laser Nd: YVO ₄		
Optical System	High Speed Optical Scanner	Relative Humidity	Less than 50%
Operating Software	SlysX (Slicer), OptimusX (Control)		
CAD Interface	STL, OBJ, AMF & SLC	Ambient Temperature	22° to 25° C (71.6° to 77° F)
Weight	2.5 Ton (without resin), 3.0 Ton (with resin)		
Power	10Amp/230v		
Power Requirements	200 - 240 VAC 50/60 Hz 10 A (Available according to local voltage standard)		

OUR CLIENT BASE



GET A QUOTE



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