

## Laser Mask Plotter

Specifications for photo plotter-

Specification/ Technical detail	Value
Max. Film Size	250 x 380 mm
Max. Plot Format	230 x 360 mm
Speed	7 mm of film width / min. at 2032 dpi
Light source	laser-diode 670 nm (red)
Data formats	Gerber, Extended Gerber, Hi-Res BMP
Extent of delivery	Photoplotter and Software on CD
Dimensions	710 x 340 x 200 mm (LxWxH)
Weight	approx. 25 kg
Power supply	External power supply Input 100V-240V / 47-63 Hz; Output 36V- DC
Resolution X	1625, 2032, 3251, 4064, 6502, 8128, 16256
Resolution Y	25400dpi
Finest point/Finest line	5 um (0.005 mm/0.19685 mil)
Finest space between 2 lines	10 um (0.01 mm/0.3937 mil)
Finest space between 2 areas	18 um (0.018 mm/0.70866 mil)
Finest inverse spot diameter (transparent point in black area)	25 um (0.025 mm/0.98425 mil)

#### Features-

- Higher resolution, up to 16 256 x 25 400 dpi
- Standalone unit - no separate PC necessary. Data to be transferred to the plotter either via USB stick or via USB cable
- New electronics with Touch-Display and intuitive user interface
- Software update: customized Windows optics, Windows routine for opening and saving of files.
- Higher resolutions in Gerber2bitmap, various calibration programs in Run\_Photo\_USB
- 3 different plot speeds for either high precision or less time consumption

#### Mandatory equipments-

- Dark Room
- Starter kit- sheets of film, 10l developer, 10l fixer, Dark Room Special Light, Triple Tank Cuvette, Special-tape, drying tissue)

#### **General Terms & Conditions**

- The vendor should have supplied a system of a similar or a higher specification to Indian institutes like IITS, etc or, to a reputed foreign institute in the last 5 years. The vendor should provide the contact details of the user of such a system. The vendor should provide proof of installation and maintenance of such systems. Proof can be provided as reference letters from the users of the systems.

Warranty : Minimum 1 Year

Installation : Quotation should include installation

Service : Minimum service be done locally without need for export.