



PRINT JET®

PJS-UV5-Pro

High Performance UV Laser

**Enhanced heat resistance
and thermal performance for
continuous production**



**RELIABLE
PERFORMANCE**



**LOWEST
MAINTENANCE**



**PERMANENT &
CONSUMABLE FREE**

- NON CONTACT
- INK & SOLVENT FREE
- LOW CONSUMABLE



PJS-UV5-Pro Laser Marking Systems deliver high-precision, permanent marking with minimal thermal impact on sensitive materials. Operating at a 355 nm wavelength, UV laser technology produces sharp, high-contrast marks on plastics, films, laminates, glass, ceramics, electronics and more. Ideal for industrial laser marking, product coding, traceability, QR codes, barcodes, serial numbers and micro-marking applications. Designed for reliable, high-speed and low-maintenance performance across demanding production environments. Key advantages include exceptional marking precision, minimal heat damage, excellent contrast and consistent results on a wide range of sensitive substrates.

- ◆ Frame: Hardened weight bearing Aluminum Alloy X-Y Axis frame
- ◆ Large icon driven, high resolution touch screen with inbuilt at-a-glance production rate visibility
- ◆ Dual dimension, high precision galvanometer deflection scanning system.
- ◆ Marking speed upto 10000 mm/s
- ◆ State of art water cooling system.
- ◆ No Consumables in laser
- ◆ Minimum & Easy Setup –
- ◆ Easy icon driven menu structure
- ◆ Warranty – 12 months
- ◆ Easily integrable
- ◆ Can print on variety of substrates
- ◆ Multi point system integrations possible

Cost-Efficient Yet Reliable Laser Marking Solution

Designed for the lowest total cost of ownership (TCO) among industrial coding and marking solutions, our robust and reliable “India-Tuned” in-line laser marking system delivers consistent, high-quality coding with minimal maintenance and operating costs. Built for demanding production environments, it helps reduce your overall coding costs while delivering long-term value and a strong return on investment.

TECHNICAL SPECIFICATION

Line Speed	: 1000 Characters per second (Depends on material & Code) for 2mm Characters	- Meter marking function inbuilt - Different Wattage Source available for varied applications
Focus distance	: 280mm	Languages supported : English, Hindi, Arabic, Chinese, Spanish Etc
Marking Line type	: DOT Matrix, BOLD, Vector all in one	File formats : BMP, JPEG,DXF, PLT
Fonts	: all that are available on computer	Accessories available : Sensors, Encoder, Vision systems etc
Minimum Line width	: 0.012mm	Power Supply : 100 – 240V 50/60Hz 6W
Marking area	: Standard 110mm X 110mm (Cus- tomizable up to 400mm x 600mm)	Environment Requirement : Temperature – 5 -45 Degree Celsius Humidity - 10-90 % (non condensing)
Marking length	: Unlimited	Interface : Touch Screen HMI, USB, Encoder, Sensor
Source Life	: *Upto 20,000 working Hours.	Size : 120cms x 32cms x 19cms
Positioning mode	: RED Light Focused	Weight : 62.5 Kgs (Including Accessories & X-Y Axis with castors)
Dot Size	: From 0.091 mm to 1.65 mm	
Number of lines	: Multiline within marking area	
Functions		
- Field rotation as per requirement		
- Print delay inbuilt can be adjusted as required		
- Inbuilt Date, Time, Barcode, 2DCode, QR Code, Serial number,		
- Production data can be set online.		

