

MPERIA® LASER

UV Laser Systems Powered by MPERIA®

MPERIA® UV Laser delivers consistent, reliable marking on your production line. Clear, sharp, and permanent marking at high speeds improves uptime in the most demanding environments, while advancing sustainability goals with a consumable-free system.

HIGH PERFORMANCE CODING

- 99.9% uptime
- No consumables to replace
- Minimal maintenance to perform

UNMATCHED PERFORMANCE

- Laser sharp marking with VCS (Vibration Correction System)
- OptiBeam for ultimate precision regardless of focal distance challenges
- Consumable-free sustainability

INCREASE PRODUCTION LINE EFFICIENCY

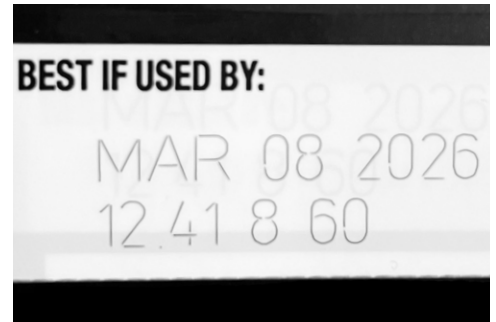
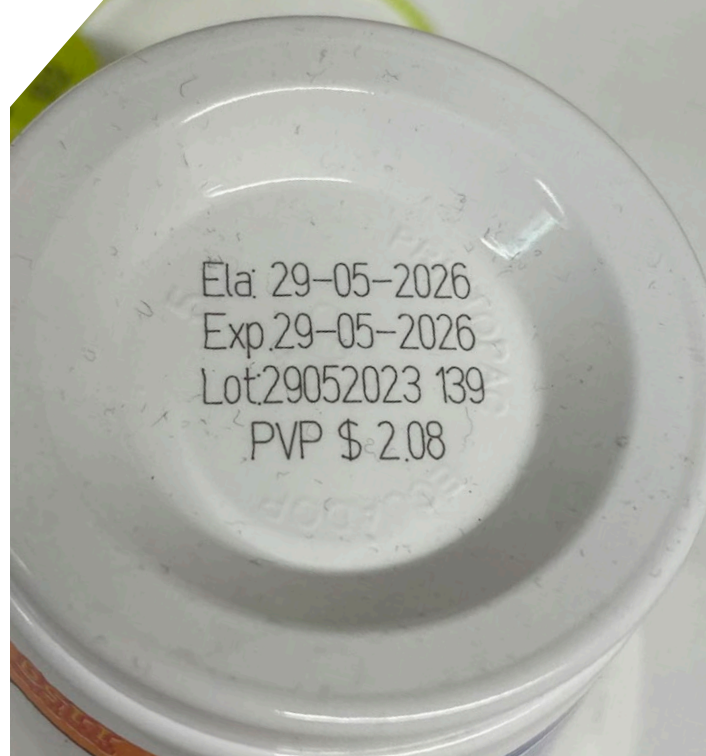
- Operator ease of use with an intuitive color touchscreen
- Centralized operation and single point of control
- Multiple technology control, including 3rd party, from a single interface



MPERIA® UV Laser
5W Washdown Environment



MPERIA® UV Laser
15W Washdown Environment



Flexible film mark.



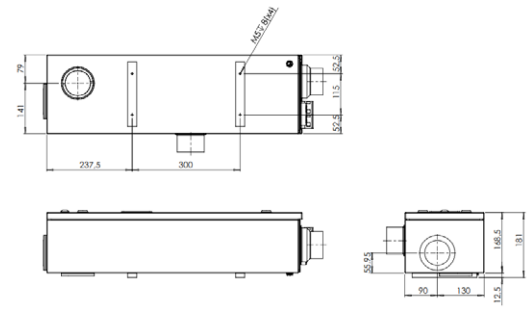
Plastic mark.



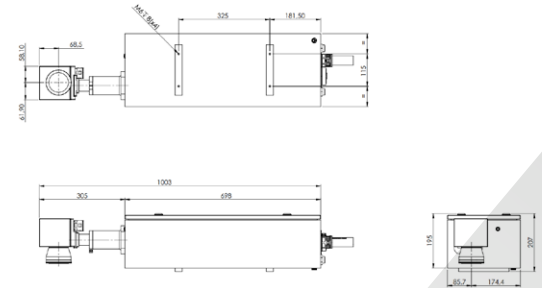
Foil film mark.

MPERIA® Laser Specifications

LASER	5 WATT UV	15 WATT UV
WAVELENGTH	355 nm	
COOLING	Forced Air (WD)	Water
CONFIGURABLE	Yes	
MAIN SUPPLY	110 / 240 V AC	
DIMENSIONS (AxBxC)	196x146x662 mm	
WEIGHT	44 lb / 20 kg	
SYSTEM	Compact Q-Switched DPSS UV Nd:YVO4	
MARKING FIELD	20x20, 60x60, 65x65, 100x100, 105x105, 160x160, 175x175, 195x195, 212x212, 242x242, 325x325, 560x560	
MARKING HEAD	XQS	
MARKING HEAD ACCESSORIES	Beam Exit at 90°: Standard	
	Focal Distance Indicator: Optional	
	Marking Area Indicator: Standard	
ACCESSORIES / OPTIONS	Diode Marking Pointer / Encoder Kit / Mounting Support / Photocell Kit	
APPLICABLE CERTIFICATIONS	CE, EAC, UL, UKCA	
ENVIRONMENTAL CONDITIONS	Operating Temperatures	10° C (50° F) to 40° C (104° F)
	Humidity	10% < H < 95%, non-condensing
	Protection Rate	WD (Wash-Down Environment) IP65



5 Watt UV



15 Watt UV

MPERIA® Controller Specifications

OPTIONS	8"	12"	12" ENCLOSED	15" HE
STANDARD FEATURES	Single Control	Multiple Printer Control		
USB PORTS	2			
ETHERNET PORTS	1xExt / 1xInt			
SERIAL PORTS	1 M12	2xRS232		
IP RATING	IP55	IP40	IP54	IP65
ELECTRICAL	100-240V 50/60 hz 1A (PoE)	96-264V 50/60Hz 1A (24v Power Supply)		