

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

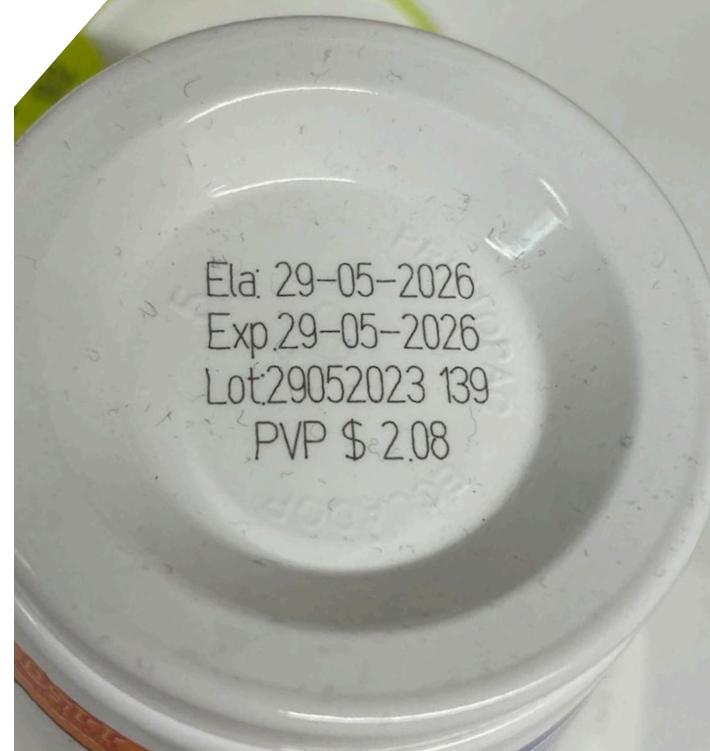
- Operator ease of use with an intuitive color touchscreen
- Centralized operation and single point of control
- Multiple technology control, including 3rd party, from a single interface



MPERIA® UV Laser
5W Washdown Environment



MPERIA® UV Laser
15W Washdown Environment



BEST IF USED BY:

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Flexible film mark.



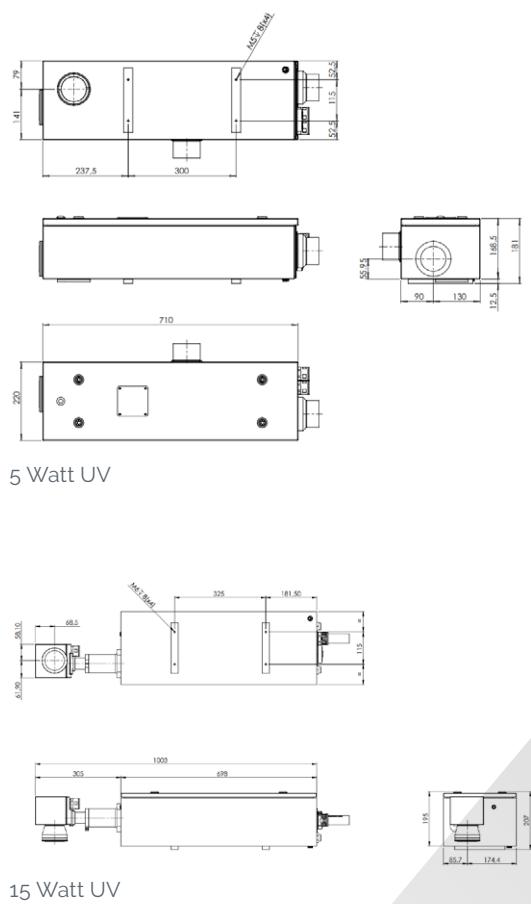
Plastic mark.



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 |



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) | |