

Product: **DPL Nobilis/Lexis Marker**

 Series: **Business Diode VIS/UV**


	DPL Nobilis Marker	DPL Lexis Marker
Laser type	Nd:YVO4, frequency-doubled	Nd:YVO4, frequency-tripled
Wave length	532 nm	355 nm
Laser power	5 W	2 W
Beam quality M ²	< 1.2	
Peak power max.	6 kW	1.4 kW
Pulse energy max.	50 µJ	15 µJ
Pulse length	8 - 25 ns	10 - 15 ns
Pulse repetition rate	60 - 300 kHz	40 - 200 kHz
Pilot laser	650 nm, < 390 µW	
Laser class	4	
Functional safety in accordance with DIN EN ISO 13849-1	PLe	
Power supply	85 - 264 VAC/6 A/50 - 60 Hz	
Power consumption max.	200 W	
Fuse protection	110 VAC: 2 x 5 AT, 220 VAC: 2 x 2.5 AT	
PC interface	USB 2.0	
Interlock connection	dual-circuit interlock, SD-Ready	
Laser control interface for	external emission light, signal ready, 8 freely programmable in-/outputs, optional connections for encoder	
Scanning speed	< 10 m/sec	
Marking software	Magic Mark V3	
Marking field size and focusing length (depending on the focusing objective)	50 mm x 50 mm for 136 ± 3 mm 100 mm x 100 mm for 210 ± 3 mm 160 mm x 160 mm for 305 ± 5 mm	60 mm x 60 mm for 155 ± 3 mm 95 mm x 95 mm for 248 ± 3 mm 140 mm x 140 mm for 398 ± 5 mm
Operating temperature, air humidity	25 °C ± 5 °C, 30% - 85%, non-condensing	

Weight	20 kg
Dimensions L x W x H	740 mm x 201 mm x 233 mm

