

MarkGo Blue 10

Portable blue diode laser marker

A technical appendix that consolidates the usable data from the supplied specification sheet into a neutral PrintSupply product format. Final configuration and application suitability remain subject to validation.



LASER AND DEVICE

Laser source	Semiconductor blue diode
Wavelength	450 nm
Laser output	10 W or greater
Source working life	Up to 5,000 working hours
Marking area	50 x 50 mm
Focus distance	Fixed, modular design
Preview mode	Red-light aiming box and print image preview
User interface	5 inch HD touchscreen
Operating system	Embedded Linux
Cooling	Air cooled
Power source	11.1 V, 9,000 mAh, 99.9 Wh battery
Approx. dimensions	280 x 100 x 240 mm

WORKFLOW AND APPLICATION

File formats	JPG, PNG, BMP and compatible graphic files
Variable content	Text, serials, date/time, QR, barcodes, images and databases
Data import	External file and data import for production information
Positioning support	Dual red-light preview for placement guidance
Safety control	Dedicated control switch and protective marking head shield
Working environment	10 to 40 C; up to 95% RH, non-condensing
Suitable surfaces	Coated metal, stainless steel, dark acrylic, wood, leather and rubber
Additional surfaces	Selected ceramics, fabrics, paper-based and coated materials
Typical marking	Identification, traceability and contrast marking
Operating format	Portable battery-powered unit
Support approach	Material and mark result assessed before final configuration
Commercial status	Subject to PrintSupply application validation

APPLICATION AND SAFETY REVIEW

Laser performance, mark contrast, throughput and safety measures depend on material, surface finish and working conditions. The final scope requires a site-specific assessment and a representative marking test.