

UV Marking Laser

Boxford UV lasers are capable of marking and engraving almost any material, including metals and non-metals. Transform your engraving and part marking capabilities with one easy to use, high-definition marking and engraving machine.

The BMU110 is capable of engraving text, logos, QR codes, bar codes, vectorised images and even photographs!



Lightburn laser software
supplied as standard
(Windows, MAC & Linux OS
compatible)

Some of the many materials which can be UV laser marked and engraved:

Stainless Steel
Mild Steel
Aluminium
Brass
Copper

Plywood
MDF
Cork
Paper
Card

Acrylic
Glass
Slate
Leather
and more!

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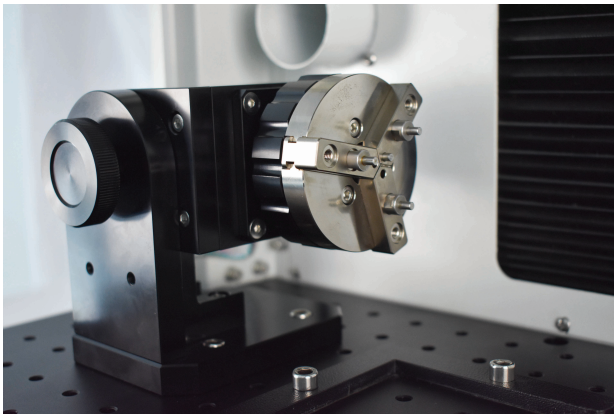
BMU110 5w

BMU110 10w

Marking area (mm)	110x110 (*150x150)	110x110 (*200x200)
Z axis travel (mm)	300	300
Laser power source	5w	10w
Laser type	UV 355nm WL	UV 355nm WL
Beam quality	m2<1.2	m2<21.2
Pulse repetition frequency	20-200KHz	20-200KHz
Integrated laser cooling system	Air cooled	Water cooled
Minimum line width		
Minimum character	0.3mm	0.3mm
Location precision (mm)	<0.01	<0.01
Machine weight	90kg	
Dimensions (w x d x h mm)	470 x 720 x 740	
Mounting	Desktop	
Safety	Class 1 closed configuration	
Operating modes	Scan marking / engraving	
Power requirements	Machine: 220V 1ph @ 6A Extraction: 220V 1ph @ 5A	

Prices from (excl VAT) £9,995 £13,245

*with optional additional longer focal length lens



Optional accessories:

- Automated tilting rotary device for engraving cylindrical objects
- Additional lens to increase marking area to 200mm x 200mm
- Filtered fume extraction

Included features:

- Lightburn laser software, compatible with Windows, Mac and Linux OS, allowing easy import of AI, PDF, SVG, JPEG, BMP, DXF and more
- Ability to mark logos, vector graphics and photographs
- QR code, bar code and sequential number marking capability
- Motor driven Z axis adjustment with digital focus height readout
- Dual red dot focusing system for quicker positioning
- Drilled and tapped machine bed for part location and jig customisation
- Operator cycle start foot operated switch
- Fully enclosed cabinet with CE marked failsafe door guard switches
- 12 months warranty (excluding consumable items such as extraction filters)



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