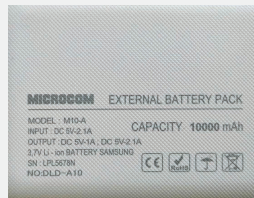


Fibre Marking Laser

Boxford fibre marking lasers are ideal for a large variety of creative and industrial marking applications.

The BFM110 is a compact, fully enclosed and easy to use bench top machine, giving customers the ability to permanently mark a wide range of materials, whilst maintaining a safe working environment.



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

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

Stainless steel
Mild steel
Tool steel
Shim steel
Aluminium

Anodised aluminium
Titanium
Brass
Copper
Silver

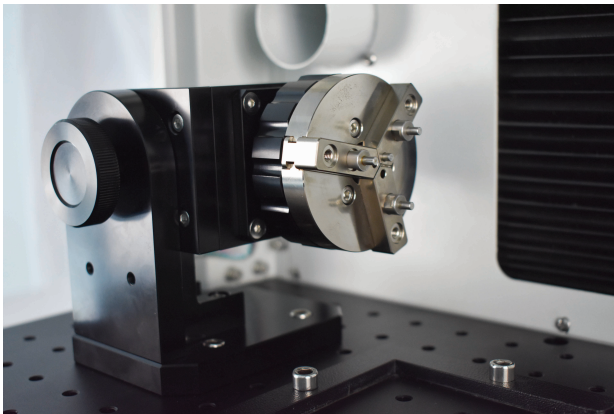
Gold
Bronze
Acetal
and more...

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on our website: www.boxford.co.uk or call us on +44 (0)1422 324810

| | BFM110 20w | BFM110 30w | BFM110 50w |
|---------------------------------|---|-----------------|-----------------|
| Marking area (mm) | 110x110 | 200x200* | 200x200* |
| Z axis travel (mm) | 300 | 300 | 300 |
| Laser power source | 20w | 30w | 50w |
| Laser type | Fibre 1064nm WL | Fibre 1064nm WL | Fibre 1064nm WL |
| Beam quality | m2<2 | m2<2 | m2<2 |
| Pulse repetition frequency | 20-60KHz | 20-60KHz | 20-60KHz |
| Integrated laser cooling system | Air cooled | Air cooled | Air cooled |
| Miniumum line width | 50µm | 50µm | 50µm |
| Minimum character | 0.3mm | 0.3mm | 0.3mm |
| Location precision (mm) | <0.01 | <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 mnodes | Scan marking / engraving | | |
| Power requirements | Machine: 220V 1ph @ 6A Extraction: 220V 1ph @ 5A | | |

| | | | |
|------------------------|--------|--------|--------|
| Prices from (excl VAT) | £4,945 | £5,595 | £7,395 |
|------------------------|--------|--------|--------|

*with optional additional 290mm focal length lens (110x110 work area when using included 160mm 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 swithces
- 12 months warranty (excluding consumable items such as extraction filters)



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