

LASER MARKING SYSTEM

Our innovative range of three laser units – one mobile and two fixed - has been developed to provide the glass industry with a quick and simple method of marking glass to meet the various Standards to which companies must comply. The patented laser is 10 times smaller and lighter than comparable systems. The extraordinary beam parameter and short pulse rising times, make the technology absolutely unique - worldwide.



MU020



FU020

- Class 1 laser system which conforms to health and safety requirements for laser based equipment as specified in BSEN / IEC 60825-1: 1994
- Conforms to BGV B2 Protective housing with 2 channel interlock circuits
- Average time to complete a single etch is 0.5 of a second
- The size and depth of etch can be varied to meet specific customer requirements
- Maximum size of mark for flat surfaces: 40mm x 40mm
- Edge marking of glass: 3mm to 30mm. Tolerance +/- 0.5mm
- 24v battery powered fully mobile system, capable of operating for two 8 hour shifts without recharging (MU020 Model)
- Integral battery charger. Unit can be used while recharging (MU020 Model)



- Industrial touch screen, windows based PC - fully Wi-Fi and network enabled
- Laser controlled CAD based software
- Ability to import a variety of file formats including dxf and dwg
- Laser template files can be designed on a dedicated CAD machine, imported and pre-loaded for the quick and easy selection of the required mark
- The laser head can be mounted on a self-guided rail system, built to a customer's height and width specifications, normally to suit the dimensions and position of a tempering oven. (FU020R model)

The system is recommended by **Tecnoglass S.A.** of Barranquilla, Colombia and our thanks go to them for putting their faith in our new technology. This year they have replaced their previous marking process with 4 of our floor-mounted units and purchased a fully mobile unit to provide increased capacity when required. The main benefit for the company has been the ability to include the **Tecnoglass** logo, a date/time and oven ID, within each mark.

LASER UNIT WITH RAIL SYSTEM

**FU020R****FU020**

Discounts for multiple units are available on request

Packing and Delivery: Charged at cost

Commissioning/Training:

- Engineer's time is charged at £400 per 8-hour day (minimum 2 days), including travelling time
- Travel and Accommodation: Charged at cost

As part of commissioning, our engineer will train customer employees how to carry out the simple maintenance and servicing procedures

If a customer requires us to maintain and service the equipment, the price will depend on the location. A quotation will be provided on request

Prices include:

- One year warranty*
- Telephone support from our engineers from 08:45 to 16.45 Monday to Friday

Replacement Laser Tube:

- The price for a replacement tube, outside the warranty period, is £950 plus delivery at cost

* **Retainagroup** will not be liable for replacing any equipment if it has been damaged as a result of operator error/misuse or if servicing and maintenance instructions have not been adhered to.

For pricing and further information please contact:

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