REFOX

Laser Machine LM-40

User Manual

（**Please be sure to read this manual carefully before use**）

Product Introduction

LM-40 Mini is a small laser machine, dedicated to the refurbishment of the rear cover glass of the mobile phone repair industry. This laser machine is miniaturized, light-weigh, suitable for a variety of scenarios, especially suitable for use in repair store in shopping malls.

562mm

385mm

250mm

Features

Independently develop marking system

Automatic and real-time diagram updates of massive accurate drawings on the cloud

One-click accurate focus

Focal length pins are highly accurate, intelligent sense

Sundry usages availability

Can be used in different sceneries with a special anti-smoke glass cover

Featured high-speed galvanometer

Supports multiple times of etching 2-5 times higher than an ordinary galvanometer

Precise position function

The professional workbench makes your equipment positioning more accurate and has a larger operating space

Space-saving size

Small dimension and lightweight structure avoid your desktop from being a mess

Parameters

Product Name	Laser Machine
Brand	REFOX
Product Model	LM-40
Voltage	110V/220V
Product Power	≤ 800W
Laser Power	LM-40:6W
Marking Precision	≤0.001mm
Marking Speed	≤10000mm/s
Cooling Mode	Built-in cold air
Efficiency	5mins/piece
Marking Width	0.05-0.1mm
Marking Format	175mm*175mm
Marking Depth	0.015-0.5mm
Repeated Measurement	≤0.001mm
Product Size	250 x 380 x 550mm
Package Size	52.5*35*61cm
Net Weight	15KG
Gross Weight	22KG

Steps for Usage

1. Connect the power supply and turn on the machine.

2. Turn on the computer and install the software that comes with the machine.

3. Connect the machine and computer through the USB port.

4. Place the item to be marked on the workbench and adjust the focus using the one-click accurate focus function.

5. Open the software and import the design to be marked.

6. Adjust the marking parameters, including marking speed, marking depth, and line width, according to the material and design to be marked.

7. Start the marking process by clicking the "marking" button in the software.

8. After the marking is completed, turn off the machine and computer and disconnect the USB port.

Attention

1. Do not modify the protective circuit of the machine and disassemble the main parts of the laser machine at will;

2. The laser marking machine is not allowed to run empty without materials;

3. If abnormal sound or other conditions occur during operation, turn off the power and examine it immediately.

4. Each component of the laser marking machine needs to be started step by step according to the description;

（You will take your own risk if you do not follow the instructions）

5. Keep the working environment clean and tidy;

6. Keep the lens clean.

REFOX

www.refoxteam.com