

PRODUCT SPEC SHEET

Ortur R2 1.3W Infrared Metal Specialist

Model: R2-LR4-1A-1W-1064



Laser power

- **1.3W** specialized infrared laser
- **1064nm wavelength** - metal marking
- Tuned for **atomic surface marking**
- No cutting capabilities

1.3W IR
1064nm infrared laser



Engraving materials

- **Gold, silver, platinum**
- Stainless steel, brass, copper
- Aluminum
- High-density plastics & acrylics

8+ surfaces
Metal marking specialist



Workspace & size

- Enclosed work area: **11.81" x 8.26"**
- (300 x 210 mm) sealed workspace
- Machine: 18.5" x 15.75" x 8.43"
- Weight: **24 lbs** / Quiet **60 dB**
- Frame color: Slate Grey

11.81" x 8.26"
Enclosed work area



Speed & precision

- Up to **20,000 mm/min**
- Fast-action rendering speed
- Microscopic **0.01 mm** spot accuracy
- HD positioning camera + flip-up display

20,000 mm/min
Fast engraving speed



Safety systems

- **Class 1** certified enclosed structure
- **5-layer sealed safety** system
- **Active flame sensing**
- Cover auto-stop + key-lock switch
- Smoke containment management

Class 1
Active flame sensing



Setup & software

- **100% fully pre-assembled** - plug and play
- Works with **LightBurn, LaserGRBL, Ortur App**
- Connectivity: **Wi-Fi, USB, TF Card**
- Laser lifespan: **up to 10,000 hours**

Plug & play
10,000 hr laser lifespan