

PRODUCT SPEC SHEET

Ortur R2 10W Enclosed Smart Cabinet

Model: R2-LR4-10A-10W



Laser power

- **10W** purpose-built diode laser
- Cuts up to **8 mm thick pine board**
- Cuts acrylic panels cleanly

10W

Diode laser power



Engraving materials

- **High-resolution engraving**
- Glass, metals, porcelain, stone
- Leather, jewelry items
- Works across **50+ materials**

50+ surfaces

High-res engraving



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**

11.81" x 8.26"

Enclosed work area



Speed & precision

- Up to **20,000 mm/min**
- Fast-action rendering speed
- **0.01 mm** jewelry-grade 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** enclosure
- **99% full-spectrum eye filtration**
- Cover auto-stop, smart air assist
- **Safe around family & pets**

Class 1

Safe for family & pets



Setup & software

- **100% fully pre-assembled** - plug and play
- Works with **LightBurn**, **LaserGRBL**, Ortur App
- Connectivity: **Wi-Fi**, **USB**, **TF Card**
- Safe for home or boutique shop use

Plug & play

Pre-assembled cabinet