

PRODUCT SPEC SHEET

Ortur R2 20W Enclosed Smart Cabinet

Model: R2-20A+0AP1.0-20W



Laser power

- **20W** heavy-duty diode laser
- Cuts **10 mm thick basswood**
- Cuts **15 mm thick pine**
- Cuts **8 mm thick black acrylic**

20W

Heavy-duty diode



Engraving materials

- **Multi-material processing**
- Metals, woods, leather, silicone
- Works across **50+ materials**

50+ surfaces

Multi-material processing



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**
- High-efficiency production speed
- **0.01 mm** spot accuracy
- HD positioning camera + flip-up display

20,000 mm/min

High-efficiency speed



Safety systems

- **Class 1** certified enclosed structure
- **5-layer sealed safety** enclosure
- 97% laser light filtration
- Active flame detection + cover auto-stop
- Smart air assist built-in

Class 1

5-layer sealed safe



Setup & software

- **100% fully pre-assembled** - plug and play
- Works with **LightBurn**, **LaserGRBL**, Ortur App
- Connectivity: **Wi-Fi**, **USB**, **TF Card**
- Professional plug-and-play architecture

Plug & play

Wi-Fi + USB + TF