

BOCHU MCD100 Manual Laser Centering Device

Fast. Precise. Reliable Alignment.



Precision Alignment for Superior Cutting

The BOCHU MCD100 is a compact, high-precision manual centering device designed to align the laser beam and nozzle with exceptional accuracy. It replaces traditional trial-and-error calibration with a fast, visual, and repeatable process—ensuring optimal cutting performance every time.



KEY FEATURES

◆ Ultra-Precise Calibration

Repeatability ≤ 0.02 mm ensures consistent, high-quality cuts

◆ Real-Time Imaging System

High-resolution display provides clear, accurate beam positioning

◆ Quick 3-Step Operation

Align → Observe → Adjust

Minimize downtime and boost productivity

◆ Standalone & Portable

No external PC required, lightweight (~1 kg), rechargeable battery

◆ Industrial-Grade Durability

Built for demanding environments (IP64 protection)

APPLICATIONS

- ✓ Laser cutting machine setup & commissioning
- ✓ Routine maintenance & calibration
- ✓ Nozzle replacement alignment
- ✓ Troubleshooting cutting defects
- ✓ Sheet metal, automotive, aerospace, precision fabrication

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TECHNICAL SPECIFICATIONS

- Resolution: 1920 × 1200
- Accuracy: ≤ 0.05 mm
- Repeatability: ≤ 0.02 mm
- Screen: 4.5" display
- Battery: 4500 mAh
- Weight: ~1 kg
- Power Consumption: < 4W
- Protection Rating: IP64

Why Choose MCD100?

- ✓ Improve cutting accuracy & edge quality
- ✓ Extend nozzle lifespan
- ✓ Reduce setup time and operator error
- ✓ Increase overall production efficiency



Get Perfect Alignment Every Time

Upgrade your laser cutting workflow with the BOCHU MCD100—engineered for precision, built for performance.

Contact Us Today

Website

www.ppt.co.nz

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Find us

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