

# Extractability™

# CEPRO®

LEADING IN WELDING SAFETY



Interlock System



Laser Filter Windows



Noise-Reducing Panels



Modular Design



Quick Assembly



Advanced Heat Control



Real-Time Monitoring



Air Extraction

## CEPRO UNISONIC LASER BOOTH SYSTEM

**Revolutionising Laser Welding for Precision, Safety, and Efficiency**

Engineered to meet the high demands of industries where accuracy and operator safety are essential, the UniSonic Laser Booth System combines a modular, adaptable design with compliance to Class 4 laser safety standards, delivering an environment that enhances quality, productivity, and operator well-being.

**YOUR TRUSTED PARTNER IN LASER SAFETY**

**HPC Laser**   
Laser experts since 2007

**FOR MORE INFORMATION:**  
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Approved

## WHY CHOOSE THE CEPRO UNISONIC LASER BOOTH SYSTEM?

The CEPRO UniSonic Laser Booth System sets a new standard for laser safety and precision. Engineered for demanding industries like automotive, aerospace, medical device manufacturing, and electronics, this advanced enclosure ensures compliance with Class 4 laser safety standards (IEC 60825-1), improving production quality and operator safety.

### KEY FEATURES & BENEFITS

#### Fail-Safe Interlock System

Automatically shut down lasers during unauthorised access, protecting operators and equipment.

#### Double-Glazed Laser Filter Windows

Compliant with DIN EN 60825-4 standards, shielding against harmful radiation while maintaining clear visibility.

#### Noise-Reducing Sandwich Panels

Constructed with 80mm EPS and steel, offering superior sound insulation for operator comfort.

#### Modular Design for Versatility

Tongue-and-groove panels allow easy customisation to suit various applications, including laser welding, grinding, and spraying.

#### Quick Assembly

Lightweight EPS panels and a streamlined construction process minimise downtime and labour costs.

#### Advanced Heat Control

Ensures distortion-free welding, preserving the structural integrity of components.

#### Real-Time Monitoring

Provides instant feedback to reduce errors and improve production efficiency.

#### Air Extraction and Sound-Insulating Grilles

Enhances air quality and reduces noise for a safer, more comfortable work environment.

### TECHNICAL SPECIFICATIONS

**Class:** 4 Laser Safety (IEC 60825-1)

**Panel Thickness:** 80mm EPS Steel Sandwich

**Noise Reduction:** < 72 dB(A)

**Temperature Range:** -5°C to +50°C

**Assembly:** Lightweight tongue-and-groove system

### SUSTAINABILITY FEATURES

- Fire-safe Bs1d0-certified panels reduce environmental impact.
- Durable RAL 9006 finish extends the system's lifespan, minimising waste.
- Modular construction supports eco-friendly manufacturing goals.

### READY TO TAKE THE NEXT STEP AND TRANSFORM YOUR PRODUCTION STANDARDS?

Visit our website:  
[hpclaser.co.uk/laser-welding-machines/laser-welding-booths/](http://hpclaser.co.uk/laser-welding-machines/laser-welding-booths/)



We are shaping safer, more efficient workplaces—one innovation at a time.

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