



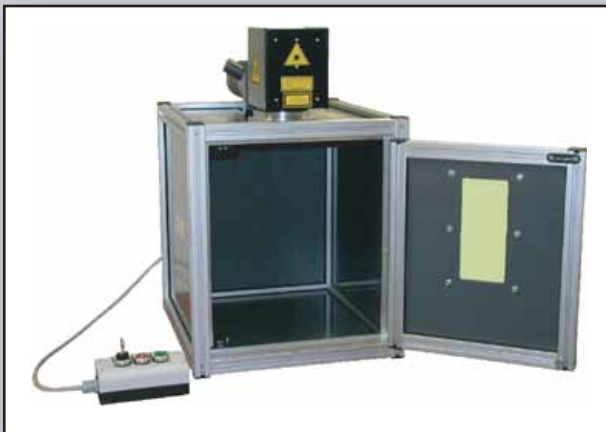
WK5 Benchbox



This entry level laser marking system is the ideal choice for fast permanent high quality markings on a variety of materials and surfaces. It is suitable for low volume applications utilizing manual part loading. The system uses our 5 Watt Diode Pumped Nd:Yag Laser Marking System mounted onto a compact work enclosure. System has safety interlocking and viewing glass for operator protection. Perfect solution for test laboratories and back office work areas that require a highly flexible marking system.

Features

- **Compact Class 1 laser benchbox cabinet marking system**
Nd:YAG diode-pumped laser marking system
- **Front-mounted part loading door**
For full access to the interior of the cabinet
- **Safety viewing glass**
Allows marking process to be viewed safely
- **Operator control pendant**
With keylock, shutter control, and start
- **Safety interlocking**
Fully integrated operator safety interlocking
- **Standard 160mm lens**
Optional 100mm lens is available
- **Single-plug power supply**
One 240V plug powers the entire unit
- **Creator Pro IV graphics software**
Easy graphics handling and VBScript customization
- **Operation and safety manuals**
Printed and electronic documentation is sent with laser



Options

- Aer-Pro cleaning system
- Startup kit
- Custom part fixturing
- 100mm lens

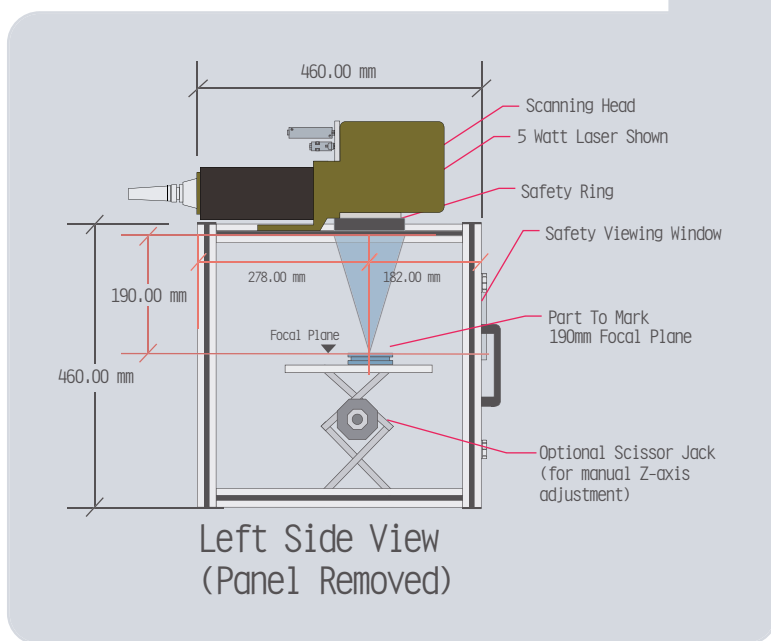
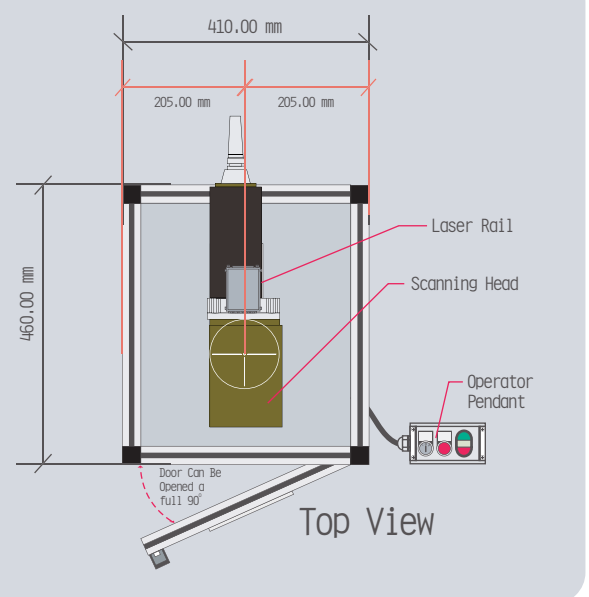
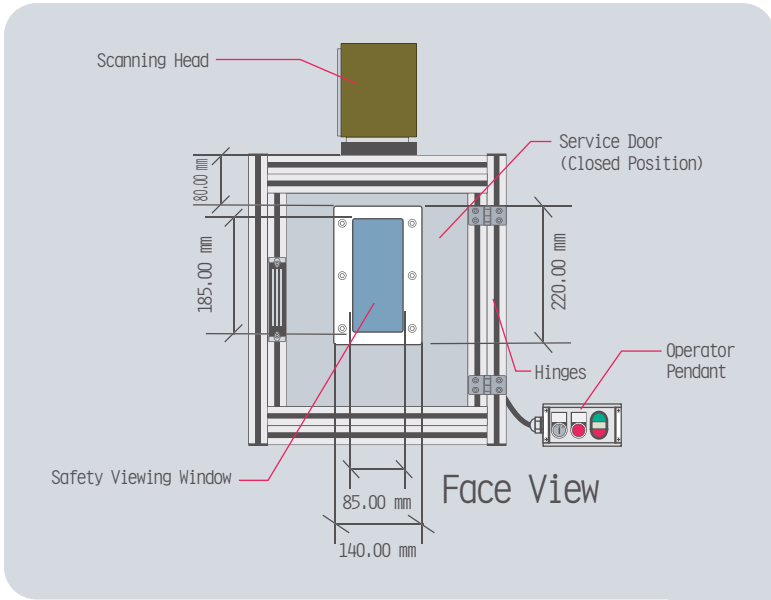


Trend Marking Systems

PO Box 1311 Castle Hill NSW 2154
TEL: 02 96299535 FAX 02 96297535
EMAIL: trend@trendmarking.com.au
www.trendmarking.com.au



Workstation Configuration





Technical Specifications

Laser Model	Lasonall 1
Laser Medium	Nd:YAG
Wavelength	1064 nm
Nominal Power	5W ± 5%
Mode / Beam Quality	M ² < 1.1
Frequency	Fixed 10kHz to 20kHz
Laser Pumping Source	Diode Laser
Expected Lifetime	8000+ hours
Aiming Beam	Red Laser Diode
Aiming Beam Wavelength	635 nm Class IIIA
Marking Head	Scanlab Scangin10
Objectives (Flat Field)	100 mm / 160 mm
Scanning Length (Focal Distance) / 2y	87 mm / 140 mm
Marking Area (mm x mm)	50 x 50 / 110 x 110
Minimum Spot Diameter (in microns)	20 / 30
Power Supply	115V / 230V AC
Rack Dimensions (in mm)	500 x 180 x 450
Resonator / Scanning Head Dimensions (in mm)	550 x 120 x 175
Rack Weight	41.8 lbs (19 kg)
Laser Weight	17.3 lbs (7.8 kg)
System Weight (does not include cabinet weight)	59.1 lbs (26.8 kg)
Working Laser Class	Class IV
Aiming Beam Laser Class	Class IIIA
System Laser Class	Class I
IEC Conformance Reference	EN 60825
FDA Accession Number	0221599

