



Zen Programmable Z-Axis Enclosure (Class I)

- Programmable Z-Axis for Easy Focusing
- Lightweight, Upswinging Door with Viewing Window
- Fume Extractor Port and Auto-On Connection
- Plug and Play Design
- Accommodates All Lens Options (100mm - 420mm)

[Rotary Table Enclosure \(Class I\)](#)[Zen Programmable Z-Axis Enclosure \(Class I\)](#)[Large/XL Enclosures \(Class I\)](#)[Sliding Door Enclosure \(Class I\)](#)[Portable Enclosure \(Class I\)](#)[Z-Axis Linear Stand \(Class IV\)](#)

Zen Programmable Z-Axis Enclosure Details

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Overview

The Zen Programmable Z-Axis Enclosure (Class I) is optimal for laser marker applications with varying part heights or those with irregular part geometry. Programming the Z-Axis is as easy as entering in the part height with the corresponding marking file. The linear actuator will move the laser marker head to the correct focal height and mark once it arrives. The Programmable Z-Axis Enclosure is class 1 rated and is available with an optional fume extractor for materials that leave heavy particulates or noxious gases during laser marking. The lightweight, upswinging door design and T-Slot base enable users to load and unload parts with ease and precision. There is also a mobile cart available for the Zen Enclosure to port the laser around your facility.

If your goals are to simplify your laser marking process and ensure throughput and safety, the Programmable Z-Axis Enclosure is your solution.

Configuration Options

- Accommodates 100mm-420mm F-Theta Lenses
- Mobile Cart
- Mobile Cart with Swinging Arm for PC or Laptop
- Desktop Workstation
- Plug and Play Rotary Chuck Adaptation


Specifications

Z-Axis Enclosure	mm	inch
External Height - Door Closed	1089.7	42.90
External Height - Door Open	1336.1	52.60
External Width - Door Closed	650.3	25.60
External Width - Door Open	650.3	25.60
External Depth	800.1	31.50
Opening Door Max Height	616.0	24.25
Opening Door Max Width	520.7	20.50
Weight	68 kg	150 lbs
Maximum Work Piece Area	Variable: Maximum work piece area is dependent on the size of the part (L x W) and the location of the mark (X & Y axis positioning).	
Maximum Work Piece Height	Variable: Maximum work piece height is dependent on F-Theta lens configuration and fixturing.	
Laser Class	Class 1 per DIN EN 60825-1	
Humidity Range	80% non-condensing	



Other Laser Marking Workstations

Z-Axis Linear Stand (Class IV)



[More Information](#)

Rotary Table Enclosure (Class I)



[More Information](#)

Zen Programmable Z-Axis Enclosure



[More Information](#)



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