

# KME-SL

## LASER MARKING ENCLOSURE

For Keyence MD-X, MD-U & MD-F Laser Markers

### SIDE LOAD DESIGN

The KME-SL enclosure is based on our standard KME-S models and adds a brush-sealed side slot or round port for inserting long parts during laser marking operations.

Both the access door and the side slot can be used to load parts into the enclosure, providing flexibility for various part sizes and workflows. Available in left-hand or right-hand configurations to suit your workspace layout.

## MODELS

The KME-SL enclosure is compatible with Keyence MD-X, MD-U, and MD-F laser markers.

Available in standard or tall sizes for standard or wide marking area lasers, and in left or right-hand configurations.

\* See Page 2 for full list of enclosure models

**Standard Size LH: \$6,284**  
\*subject to change at any time

- For Standard Marking Area Lasers
- Access Door & Side Load on Left Side

**Standard Size RH: \$7,325**  
\*subject to change at any time

- For Standard Marking Area Lasers
- Access Door & Side Load on Right Side

**Tall Size LH: \$6,995**  
\*subject to change at any time

- For Wide Marking Area Lasers
- Access Door & Side Load on Left Side

**Tall Size RH: \$7,736**  
\*subject to change at any time

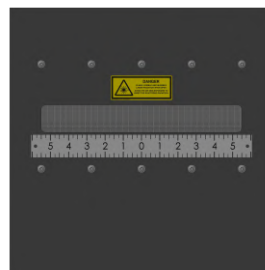
- For Wide Marking Area Lasers
- Access Door & Side Load on Right Side

## FEATURES

- Compatible with MD-X, MD-F & MD-U Laser Markers
- Model-Specific Laser Marker Mount Plate
- Large Safety-Interlocked Access Door
- Available in Left or Right hand configurations
- Brush-Sealed Side Load Feature
- Part Fixture Plate (Scissor Jack or Fixed Mount)
- Laser Marker Focal Zone Visual Reference
- Fume Extractor Port with Cover
- LED Interior Light
- Control Panel with Indicator Lights, Start & Stop Buttons, E-Stop and Light Switch

## SIDE LOAD OPTIONS

Each side-load option features a brush-sealed opening that allows parts to be inserted into the enclosure while safely blocking laser light.



### RECTANGULAR

For non-cylindrical parts, up to 10.5" wide x 1" tall.

\*Includes Center-Finding Scale



### 4" CIRCULAR

For cylindrical parts from 0.5" to 1.5" in diameter.



### 6" CIRCULAR

For cylindrical parts from 1.5" to 4" in diameter.



**BARNES TECHNICAL PRODUCTS LLC**  
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**HOW  
TO  
ORDER**

☎ (203) 931-8852

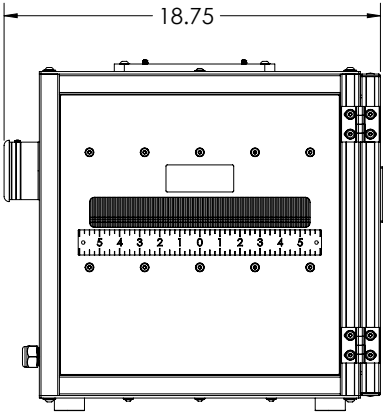
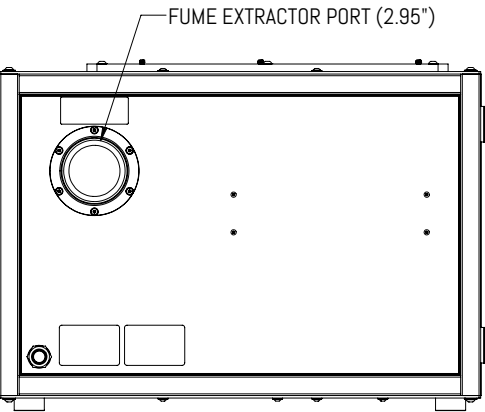
✉ [rbarnes@barnestechprod.com](mailto:rbarnes@barnestechprod.com)

🌐 [www.barnestechprod.com/laser-enclosure](http://www.barnestechprod.com/laser-enclosure)

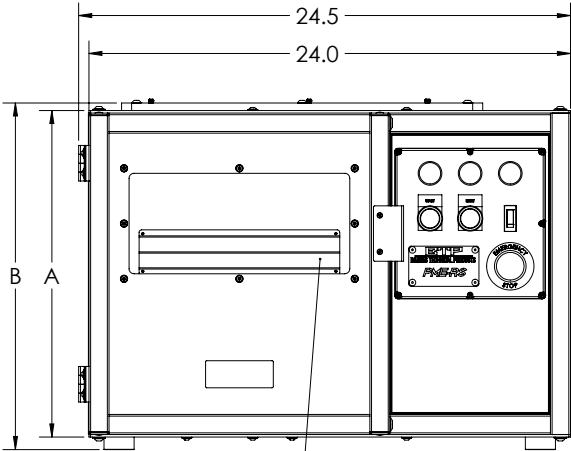
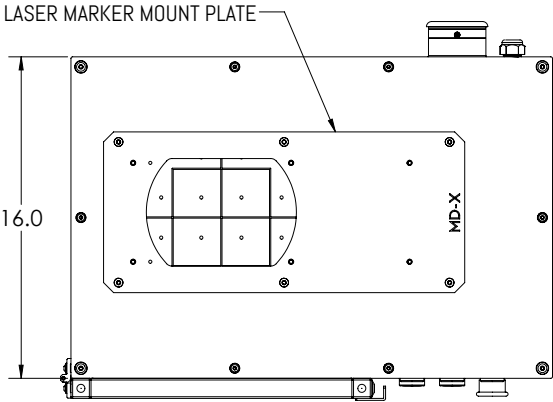
# DIMENSIONS

Dim.	Enclosure Size	
	Standard Size	Tall Size
A	16.25"	20.75"
B	17.25"	21.75"

\* Custom Side Load options available on request



\*Dimensions are in Inches



FOCAL ZONE VISUAL REFERENCE

## ENCLOSURE MODEL NUMBERS

Enclosure Model	Enclosure Size	Access Side	Side Load Option	Laser Marking Area	Price
KME-SL-SLS	Standard	Left	Rectangular	Standard	\$6,284
KME-SL-SL4	Standard	Left	4" Circular	Standard	
KME-SL-SL6	Standard	Left	6" Circular	Standard	
KME-SL-SRS	Standard	Right	Rectangular	Standard	\$7,325
KME-SL-SR4	Standard	Right	4" Circular	Standard	
KME-SL-SR6	Standard	Right	6" Circular	Standard	
KME-SL-TLS	Tall	Left	Rectangular	Wide	\$6,995
KME-SL-TL4	Tall	Left	4" Circular	Wide	
KME-SL-TL6	Tall	Left	6" Circular	Wide	
KME-SL-TRS	Tall	Right	Rectangular	Wide	\$7,736
KME-SL-TR4	Tall	Right	4" Circular	Wide	
KME-SL-TR6	Tall	Right	6" Circular	Wide	

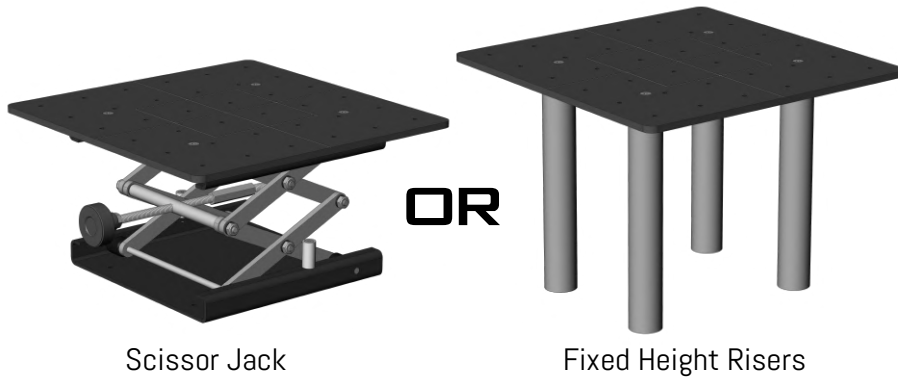
# ACCESSORIES

## FIXTURE PLATE

The included fixture plate is used to accurately locate and mount parts or tooling, and incorporates center-marking crosshairs and 36 tapped mounting holes (#10-32).

Your choice of two fixture plate mount options: fixed height risers or adjustable height scissor jack.

- Material: Black Anodized Aluminum
- Size: 12" x 12"
- Price: **Included**



Scissor Jack

Fixed Height Risers



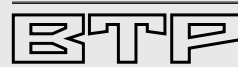
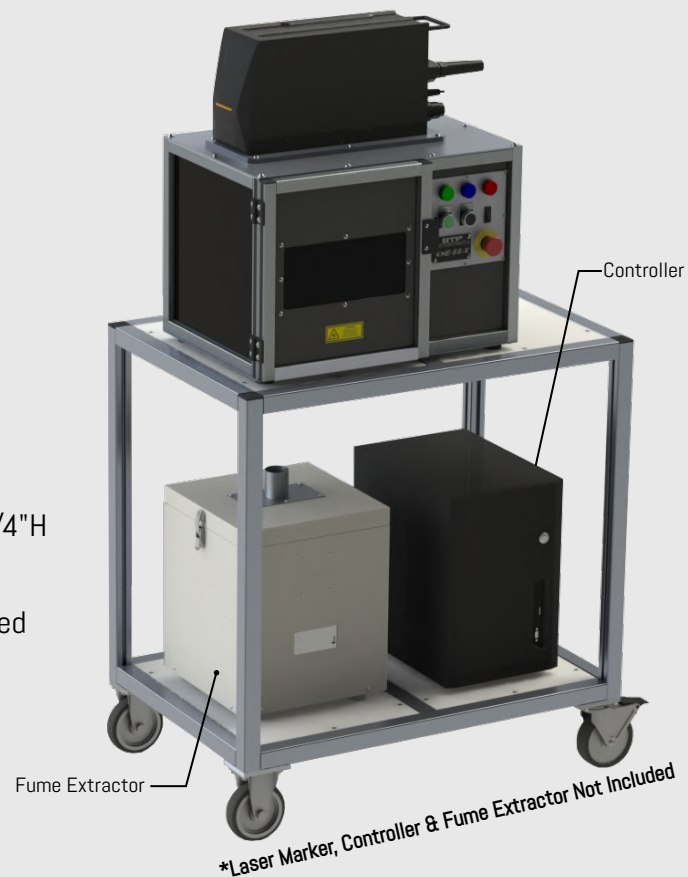
## EQUIPMENT CART

This cart is specifically designed to hold our KME-SL Laser Marking Enclosure, as well as the MD-X, MD-U or MD-F Laser Marker Controller.

The Fumex FA1-Mini Fume Extractor is recommended if fume extraction is necessary, as the cart is designed to hold this unit. Hardware is included to mount the marking enclosure, controller and Fumex fume extractor.



- Model Number: KMC-1
- Size: 36"L x 24"W x 37-3/4"H
- Ships Fully Assembled
- Mounting Hardware Included
- Price: **\$1995.00**

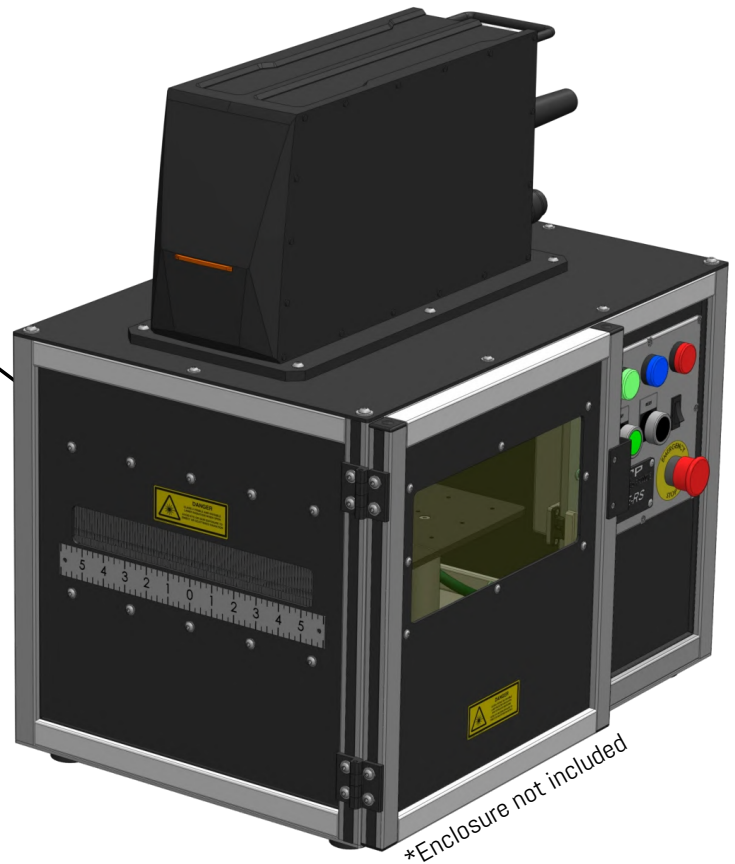


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# ENCLOSURE IMAGES

## KME-SL-SLS

- Standard Size
- Left Side Access / Door
- Rectangular Side Load



## KME-SL-TR6

- Tall Size
- Right Side Access / Door
- 6" Circular Side Load

## SAFETY LABELS



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