

KLS LASER MARKING SHROUD

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



The KLS Laser Marking Shroud provides a portable, light-tight safety barrier that fastens directly to your laser marker.

By combining a rigid aluminum frame with interchangeable brush and ultra-soft foam seals, the KLS conforms to a variety of workpieces to prevent dangerous radiation exposure.

This attachment ensures a safe and compliant marking environment while providing the versatility necessary to handle a wide range of part sizes and setups.

FEATURES

- Compatible with MD-X, MD-U & MD-F Laser Markers
- Available for Standard or Wide Marking Areas
- Model-Specific Laser Marker Mount Plate
- Mounts Directly to Laser Marker
- Interchangeable Brush & Foam Seals
- Portable, Compact & Durable Design
- Integrated Holes for Secure System Mounting
- 2" Fume Extractor Port
- Optional Part Presence Sensor

PRICING

Standard Marking Area Shroud: \$2,980

Wide Marking Area Shroud: \$3,965

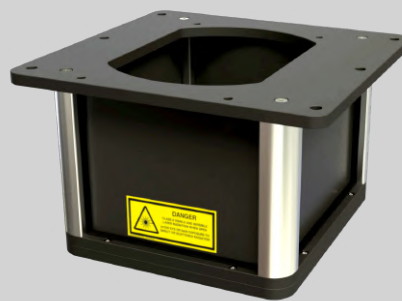
*prices subject to change at any time

MODELS

Shroud Model	Laser Series	Marking Area
KLS-SX	MD-X	Standard
KLS-WX	MD-X	Wide
KLS-SU	MD-U	Standard
KLS-WU	MD-U	Wide
KLS-SF	MD-F	Standard
KLS-WF	MD-F	Wide

SYSTEM COMPONENTS

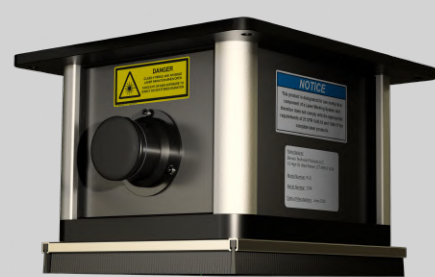
Each shroud includes a shroud base assembly & one seal attachment



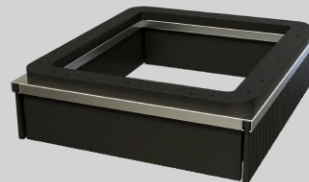
Shroud Base Assembly

The shroud base secures directly to the bottom of your laser marker and has provisions on the bottom for mounting the brush & foam seal attachments.

*Standard Marking Area Base Assembly Shown

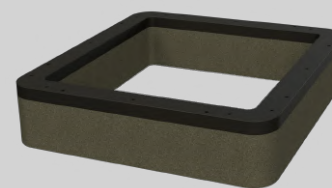


One Seal Attachment Included



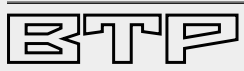
Brush Seal Attachment

Uses dual layers of 2 inch brush strips to provide a flexible, light-tight barrier that conforms easily to highly uneven surfaces.



Foam Seal Attachment

This attachment features a thick layer of ultra-soft EPDM foam to create a high-conformity, light-tight seal against a variety of surfaces.



BARNES TECHNICAL PRODUCTS LLC
15 HIGH ST. WEST HAVEN, CT 06516

To place an order, contact us by phone, email or online form.

☎ (203) 931-8852

✉ rbarnes@barnestechprod.com

🌐 www.barnestechprod.com/laser-enclosure

OPTIONAL ACCESSORIES

Additional Seal Attachments

Each shroud order includes your choice of either a foam or brush seal attachment. The alternative seal type may be purchased separately as an additional accessory.

➤ **KLS-BA-S:** Brush Seal Attachment (Standard Marking Area)

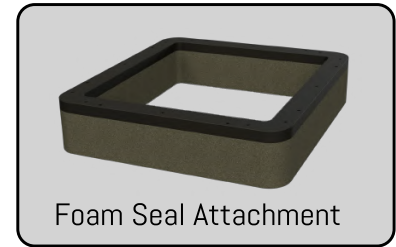
➤ **KLS-FA-S:** Foam Seal Attachment (Standard Marking Area)

Price: **\$395**

➤ **KLS-BA-W:** Brush Seal Attachment (Wide Marking Area)

➤ **KLS-FA-W:** Foam Seal Attachment (Wide Marking Area)

Price: **\$525**



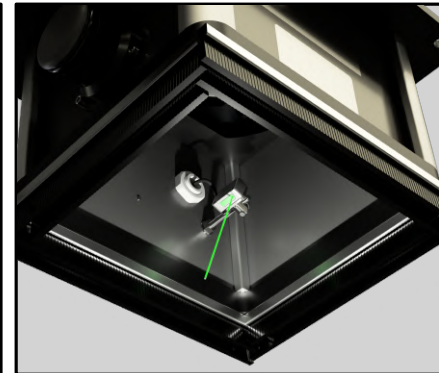
Part Presence Sensor

The optional part presence sensor provides an additional safety measure by permitting the laser shutter to open only when a workpiece is detected at the shroud opening, preventing laser emission when the workpiece is not present.

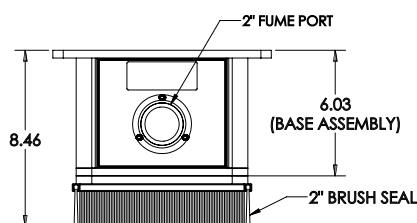
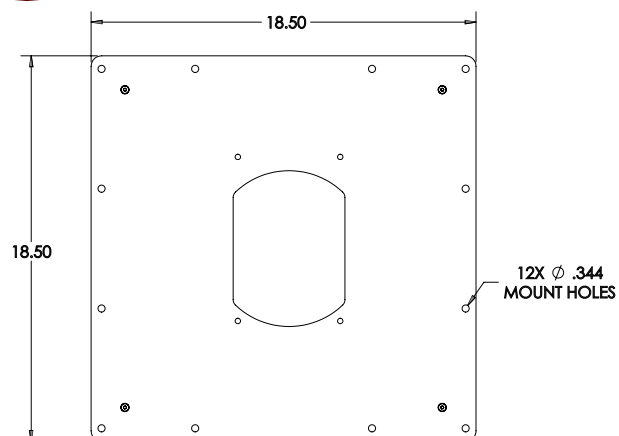
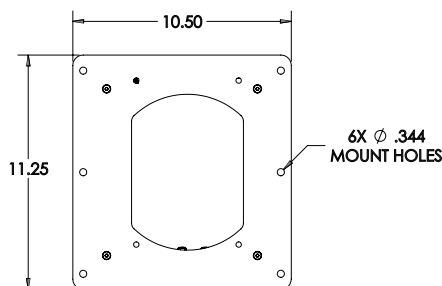
- Wires directly to Keyence MD-X, MD-U or MD-F controllers.
- Automatic laser shutter control based on part presence

➤ **KLS-PS:** Part Presence Sensor

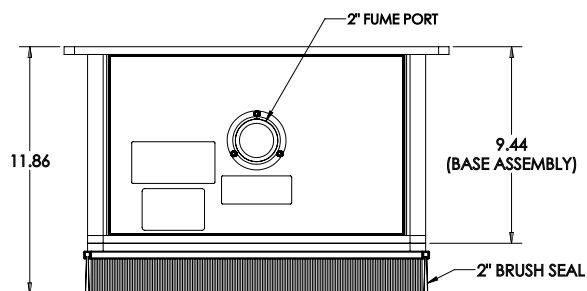
Price: **\$1,150**



DIMENSIONS

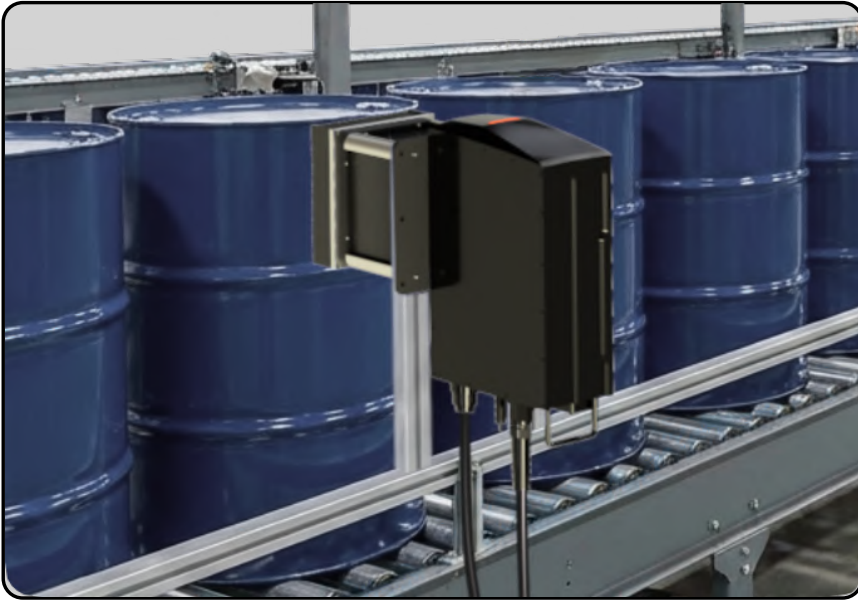


Standard Marking Area Shroud



Wide Marking Area Shroud

APPLICATION EXAMPLES



NOTICE

This product is designated for use solely as a component of a Laser Marking System and therefore does not comply with the appropriate requirements of 21 CFR 1040.10 and 1040.11 for complete laser products.

BTP

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