



FiberMINI[®] Weld

At only 55 mm square around its central core, FiberMINI[®] Weld is an ultra-compact, lightweight welding head for all fiber-delivered, solid-state laser systems to 4 kW.

FiberMINI[®] Weld has a simple, yet flexible design that allows Laser Mech[®] to optimize the processing head to the end user's requirements. Optics are protected against contamination by an easily accessible cover glass. Offered with either straight or right angle fiber inputs, FiberMINI[®] Weld delivers both user-friendly operation and reliable performance at an attractive price.

Available in focal lengths to 400 mm, FiberMINI[®] Weld features 10 mm of manual focus adjustment, optional camera viewing and an effective air knife to help extend the life of the cover glass.

Features

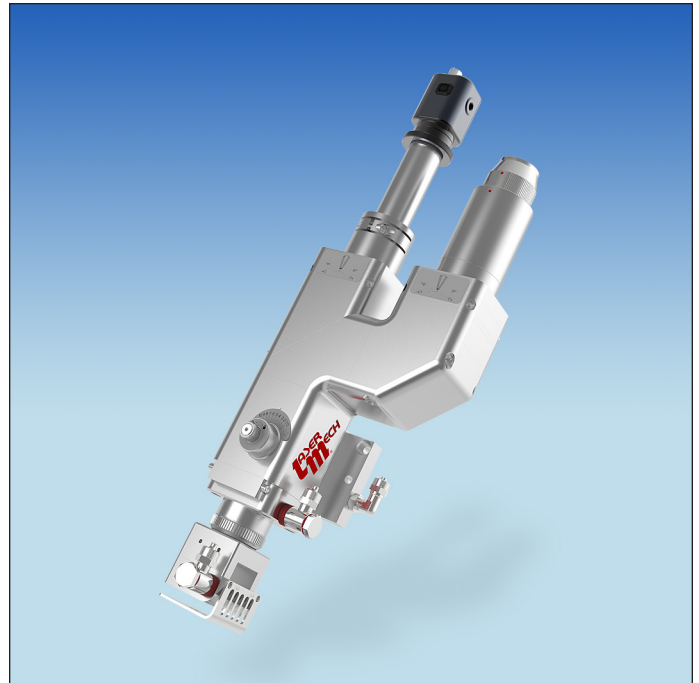
- Available in focal lengths to 400 mm
- 10 mm of lens movement to set focus
- Effective air knife to help extend the life of the cover glass

Specifications

Power Rating	up to 4 kW
Clear Aperture	25 mm
Collimator Focal Lengths	35 mm, 60 mm, 75 mm, 100 mm
Focusing Lenses	100 mm to 400 mm
Fiber Connections	QD (LLK-D, LCA), QBH (HLC-8), LLK-B (Q5)
Weight	~2.5 kg*

*Base configuration. Weight will vary based on options added.

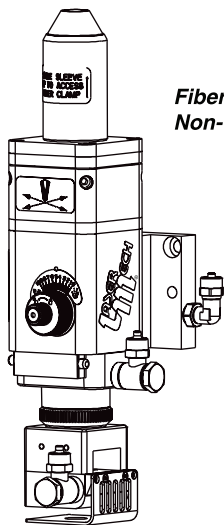
Specifications subject to change without notice.



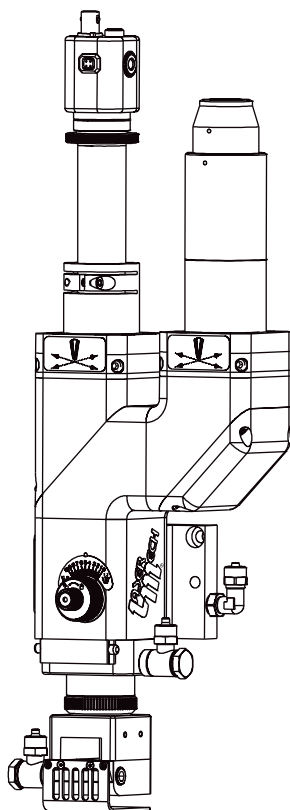
Laser Mechanisms' ultra-compact FiberMINI[®] Weld shown with straight fiber input and camera viewing.

- Quick and easy access to the cover glass
- Flexible design to optimize spot size
- Compact, lightweight design
- Optional camera viewing
- Models available for most popular fiber connections

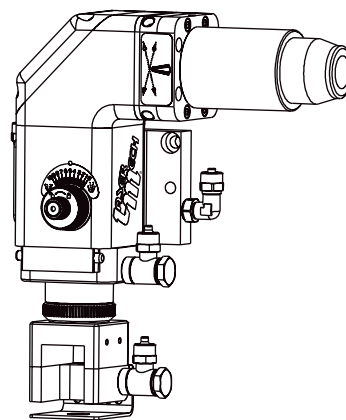
FiberMINI® Weld Configurations



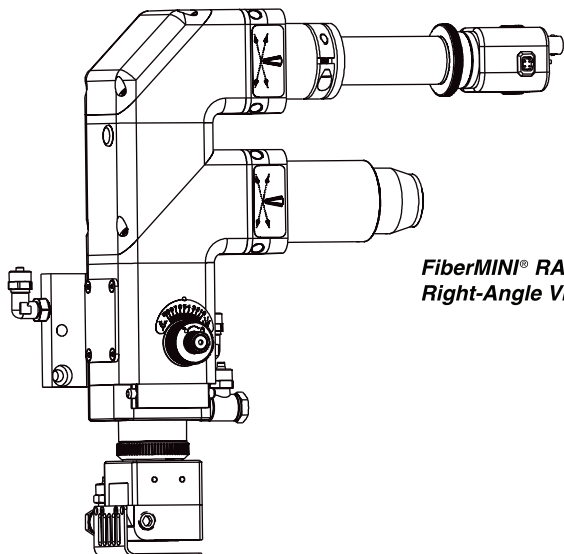
**FiberMINI® ST
Non-Viewing**



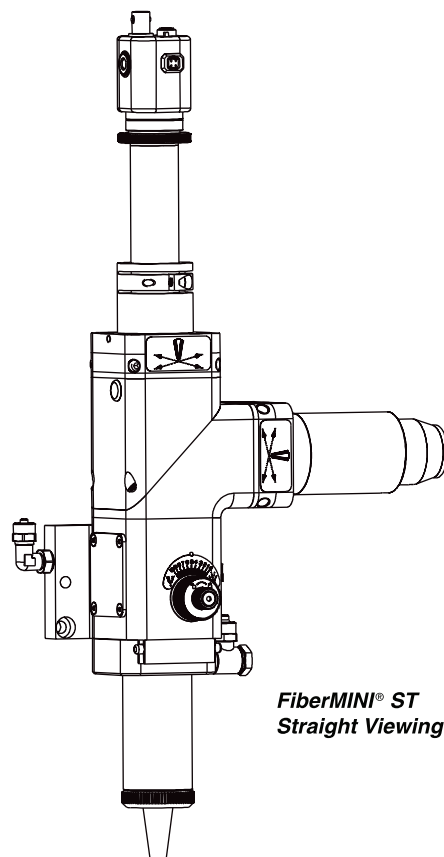
**FiberMINI® RA
Offset Viewing**



**FiberMINI® RA
Non-Viewing**



**FiberMINI® RA
Right-Angle Viewing**



**FiberMINI® ST
Straight Viewing**



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