



M-SERIES PORTABLE STANDS

Sometimes Being a Lightweight is a Good Thing

The M-Series stands have been requested both by customers and other metrology instrument OEMs. With their input, Brunson has designed this instrument stand for functionality and portability. This collapsible, tripod-type stand is available in a number of stand configurations. Just tell us your preference.

GRAPHITE OR ALUMINUM LEGS

These stands are available with aluminum or graphite double upper legs, which span from the shoulder pivots to the “knee” of the stand. Stands with graphite upper legs have a lower weight and give an advantage with respect to thermal stability.

ADJUSTABLE OR FIXED INSTRUMENT MOUNT

The stand is available with either an adjustable instrument column, also called the “intermediate tube” or with an instrument adapter fixed directly to the tribrach at the top of the stand. The adjustable instrument mount employs a hand-wheel-driven worm gear for up-and-down adjustment of the instrument column. The collar may then be clamped to avoid any inadvertent instrument movement. An adapter on top of the intermediate tube provides a standard external 3½”-8 thread for mounting instruments or other adapters. Note that the intermediate tubes on our M-Series portable stands do not have the same internal threads as found in our bigger stands, and as such will not directly accommodate adapters such as the model 800 precision lift.

The “fixed height” version of the stand has an adapter mounted directly to the top of the stand. For applications where fine vertical adjustment of the instrument is not necessary, this version reduces cost and increases lateral stability.

Note that the height of either type of stand (fixed or adjustable mount) may be adjusted by extending and locking the lower legs at the desired position.

SHORT OR TALL

The M-Series stands are available in a short or tall version. The double upper leg section and the adjustable instrument column of the tall version are longer, providing the additional height. The lower leg sections are the same length on both versions.

POINTS OR PADS

The stand’s lower leg will accommodate two different types of feet—trivet points or swivel pad-type feet. The swivel pads have a thin, textured rubber pad on the bottom. Either type of foot is an acceptable choice for general applications. The points work well on uneven surfaces, the pads work well on soft surfaces which the points may damage. Pads have the additional advantage of being outfitted with a hole for semi-permanent mounting. The feet are easily interchangeable in the field. The M-Series comes standard with both trivet point feet and pad feet.



ACCESSORIES

Additional options are available to customize the M-Series stand.



EasyConnect™

The EasyConnect (240-2) creates a fast and easy way to connect and disconnect your instrument from a standard 3 1/2"-8 thread mount.



Instrument Adapters

We offer various adapters on which to mount Optical Tooling instruments and other alignment products. The 235-3 fits the intermediate tube on all of our heavy duty stands. Our various dovetail adapters are used in conjunction with our precision lateral cross slides and precision lifts.

Specifications

Model	Short/Tall	Adj/Fixed	Min Height	Max Height	Graphite Weight	Alum. Weight	Max Load
MxS2000SA	Short	Adjustable	29 1/4"	55 1/4"	32 lbs	35 lbs	66 lbs
			74.3 cm	140.3 cm	14.5 kg	15.9 kg	29.9 kg
MxS2000SF	Short	Fixed	24 3/8"	38 1/4"	26 lbs	29 lbs	150 lbs
			61.9 cm	97.2 cm	11.8 kg	13.2 kg	68 kg
MxS2000TA	Tall	Adjustable	41 1/8"	74 5/8"	35 lbs	40 lbs	66 lbs
			104.5 cm	189.5 cm	15.9 kg	18.1 kg	29.9 kg
MxS2000TF	Tall	Fixed	36 1/4"	50 1/8"	27 lbs	32 lbs	150 lbs
			92.1 cm	127.3 cm	12.2 kg	14.5 kg	68 kg



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