



TETRALOCK™

Tetrahedron Design Delivers Unrivalled Stability for Metrology

The Brunson TetraLock redefines the lightweight industrial metrology stand with a very high degree of stability. Due to the TetraLock's unique design, no joint movement is possible when locked in the open position. The product line is easy-to-use and collapsible for storage. Engineered for portability, the stand can be checked in as luggage or stowed in the trunk, and used on tables or platforms. See our product video at www.Brunson.us/tetralock.

TetraLock industrial stands are ideal for portable coordinate measuring machines (PCMMs) and survey instrumentation weighing up to 125 lbs (56.7 kg), such as articulating arms, laser projectors, scanners, total stations, theodolites, and more. The TetraLock includes pad feet, a duffel style carrying bag, and your choice of one thread mount available in three sizes: 3½"-8, 5/8"-11, or 3/8"-16. Valuable accessories, such as the EasyConnect™ adapter, wheels and point feet, integrate the stand further into your workspace.

TETRAHEDRON DESIGN FOR ULTIMATE STABILITY

When customers asked Brunson to engineer a lightweight industrial stand, they turned to one of the strongest structural elements known—a pre-stressed tetrahedron for ultimate stability. The result is the Brunson TetraLock and the TetraLock Lite made from aluminum and stainless steel. Both designs offer the best price/performance ratio in the marketplace.

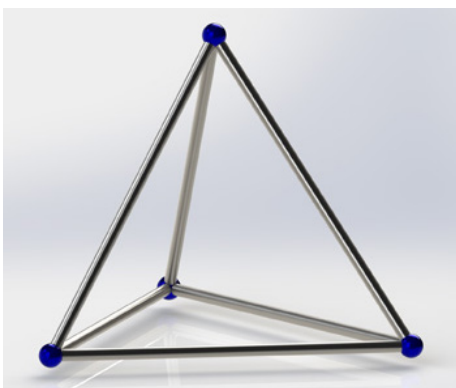


TETRALOCK

The TetraLock (shown above) weighs just over 20 lbs (9.6 kg) with a maximum height of 47 inches (119 cm). For fast, easy setup, the stand's cross-braces rotate down and "snap" into place. The cross braces are then firmly secured with knurled, collet-type clamps. This forces the stand into a pre-stressed, pyramid-like shape, locking each leg against a positive stop. The height of the stand is adjusted with quick-action levers for extending or retracting each telescoping leg with handy index marks to guide the process.

TETRALOCK LITE

The TetraLock Lite stand (shown below) is an economical option for customers who do not require the ultimate rigidity of the TetraLock stand, but appreciate its ease-of-use and portability. This featherweight stand weighs in at 16.2 lbs (7.3 kg) also with a maximum height of 47 inches (119 cm) and deploys rapidly by tightening a locking plate under its mounting ring.



Specifications

Weight, TetraLock Lite	16.2 lbs (7.3 kg)
Weight, TetraLock	20.6 lbs (9.6 kg)
Min/Max Height	29.5 in (75 cm) / 47 in (119 cm)
Min/Max Footprint	23 in (81 cm) / 50 in (127 cm)
Max Load	125 lbs (56.7 kg)
Material	Aluminum and stainless steel
Finish	Clear anodize and paint
Carrying Case	Duffel style canvas bag with strap handle

ACCESSORIES

Additional options are available to customize the TetraLock stand.



EasyConnect™

The EasyConnect (240-2) creates a fast and easy way to connect and disconnect your instrument from a standard 3½"-8 thread mount.



Wheels

Optional wheels (400A-W) are engaged and disengaged by unlocking the telescoping leg and rotating it, putting the wheel in an upper or lower position. Wheel options must be installed at the factory.

Point Feet

Point feet (400A-PT) provide added stability when using the stand on loose, non-solid surfaces.



Laptop Shelf

Our Laptop Shelf (400A-LT) provides a convenient location to put your computer in close proximity to your measurement instrument. It is easily installed with a single connecting point under the head of the stand.

Our laptop shelf is often requested by our customers, but such accessories must be used wisely when pursuing high accuracy measurements. This accessory is not compatible with the TetraLock Lite.



TETRALOCK APPLICATION MATRIX

Check our Application Matrix to determine which TetraLock stand is compatible with your instrument. If you do not see your device listed or require further information, please contact our customer service department at 877-MEASURE.

Device Type	TetraLock	TetraLock Lite
Theodolite	✓	✓
Total Station	✓	✓
Laser Projector	✓	✓
Short Range Imagers and Scanners	✓	✓
Long Range Imagers and Scanners	✓	✓
Optical Portable CMM	✓	✓
Articulating arms ¹	✓	
Laser Tracker ²	✓	✓
Laser Radar	✓	
Indoor GPS	✓	✓

¹ Arms up to 6 feet with no scanner accessories

² Specifics apply, call for details

INCLUDED ITEMS

The TetraLock and TetraLock Lite products include pad feet, duffel style carrying bag, owner's manual, and your choice of thread mount.

Part Number	Stand Type	Thread Mount
400L-D-T1	TetraLock Lite	3½"-8
400L-D-T2	TetraLock Lite	5/8" - 11
400L-D-T3	TetraLock Lite	3/8" - 16
400S-D-T1	TetraLock	3½"-8
400S-D-T2	TetraLock	5/8" - 11
400S-D-T3	TetraLock	3/8" - 16

877 - MEASURE
www.brunson.us/tetralock

info@brunson.us
8000 East 23rd St
Kansas City, MO 64129

