

ABSOLUTE EMC Tripod



The original **ABSOLUTE EMC Tripod** is explicitly designed for the EMC market. A low-cost and easy-to-use tripod with no metallic parts with the exception of the antenna connection screw. The EMC Tripod is easy to assemble, take apart, and store. It is fully adjustable in height with the center mast section. Materials used are low permittivity allowing for use in most EMC applications to hold antennas, cameras, RF field probes, cables off the floor, and other support possibilities.

The EMC Tripod is 3D Printed with PLA plastic and uses 1" hardwood dowels for the structure. The full kit includes the (1x) **Tripod section**, (1x) **Tripod Head** (when ordering, please specify screw thread 1/4"-20, 5/16"-18, or 3/8"-16), (3x) **Tripod Leveling Feet**, and (4x) 1" Hardwood dowels 3 ft long. Or you can choose to purchase pieces and build the antenna yourself. Any 1" wood dowel can be used with the system. 3 ft dowels are standard with a complete kit order. Dowels are available at most lumberyards. Dowels can be cut down for a shorter height, or longer lengths can be purchased for an application where more height is needed.

The tripod now comes with a leveling bubble for a visual indication if it is level.

Specifications:

<p>Material: Plastic PLA (Polylactic acid) Hardwood Dowels</p> <p>Loading weight: ~10-20 lb. * Dependent on the dowel length used and height adjustment</p> <p>Color: Green and purple Other colors are available on request</p> <p>Size with 3-foot dowels</p> <p>Height: 37" – 68" (94 – 172 cm)</p> <p>Width: 36.6" (93 cm)</p> <p>Weight: 3.7 lb. (1.68 kg)</p>	<p>Relative Permittivity: $\epsilon_r = \sim 2.0 - 3$</p> <p>Antenna Mounting: 1/4" – 20 screw thread (choose one) 5/16" – 18 screw thread 3/8" – 16 screw thread</p>
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*Use good engineering judgment for weight loading. It is not designed for heavy antennas/loads or where the center of gravity is overhanging from the center. A weight ballast should be used to weigh down the tripod for larger antennas; therefore, it is not top-heavy. It is easy to hang a bag with weighted materials(woodblocks, sand, ream of paper, bricks, rocks) off of the center tripod section. Please refer to the manual.








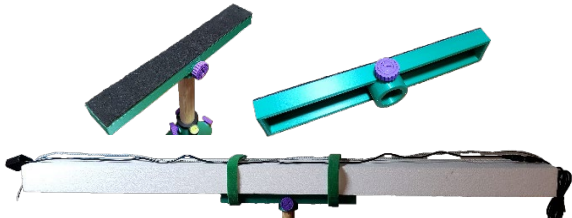
Tripod Kit:

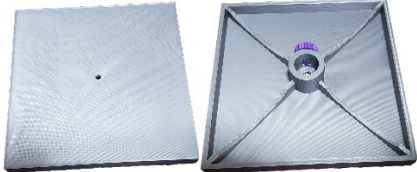


- (1x) tripod section,
- (1x) tripod head,
- (3x) tripod leveling feet,
- (1x) Leveling Bubble,
- (4x) 1" x 3' wood dowels

Tripod Deluxe Kit:

- (1x) tripod section,
- (3x) tripod head, (includes 1 of each)
- (3x) tripod leveling feet,
- (1x) Leveling Bubble,
- (4x) 1" x 3' wood dowels
- **TP-Ball Head, TP- Cable Support, EMC EPS Block 1M, TP-Bag**

Individual Items:

<p>Tripod Section</p>		<p>Included in Tripod Kit. The main section of the tripod</p>
<p>Tripod Head</p>		<p>Included in Tripod Kit. Select a size ($\frac{1}{4}$" – 20, $\frac{5}{16}$" – 18, $\frac{3}{8}$" – 16)</p>
<p>Tripod Leveling Feet</p>		<p>Included in Tripod Kit. Feet are optional adds leveling capability and non-skid pads (3 needed)</p>
<p>TP-Leveling Bubble</p>		<p>It is now included in Tripod Kit. It is used to see the level of the tripod. Clips on to 1" center dowel and is rotated to any side for easy viewing.</p>
<p>TP-Weight Ballast</p>		<p>A bag is included with your order. Nonmetallic weighted materials can be used to fill the bag to make the base sturdier.</p>
<p>TP-22mm Antenna</p>		<p>Antenna adaptor for 22mm antenna tube mount</p>
<p>TP-Ball Head (Optional)</p>		<p>Ideal for Camera positioning. Full rotation to 90° polarization $\frac{1}{4}$" – 20 thread screw. For loads less than 2lb. The arm can be positioned after the head is screwed to the camera, allowing it to be placed to the rear.</p>
<p>TP-Cable Support (Optional) EMC EPS Block 1M</p>		<p>It can be used to support cables coming out of the antenna or EUT, to keep them up from the floor or to reduce strain on connectors. 10-$\frac{1}{4}$" x 1-$\frac{1}{2}$" (28 x 3.8 cm) Use with 1 meter EPS support for longer support.</p>

<p>TP-Item Tray (Optional)</p>		<p>A tray to hold items on top of the tripod. 8" x 8" (20 x 20 cm)</p>
<p>TP-Bag (Optional)</p>		<p>Travel bag for storing and carrying the tripod size: 39" x 7"</p>
<p>TP-Bag Deluxe (Optional)</p>		<p>Wheeled travel bag for storing and carrying the tripod and accessories 40" long (36"x10"x12" internal) large enough to hold additional EMI test gear and accessories. Padded with Velcro partitions</p>
<p>Other?</p>	<p>Have an idea for an accessory to make the tripod more versatile please let us know</p>	