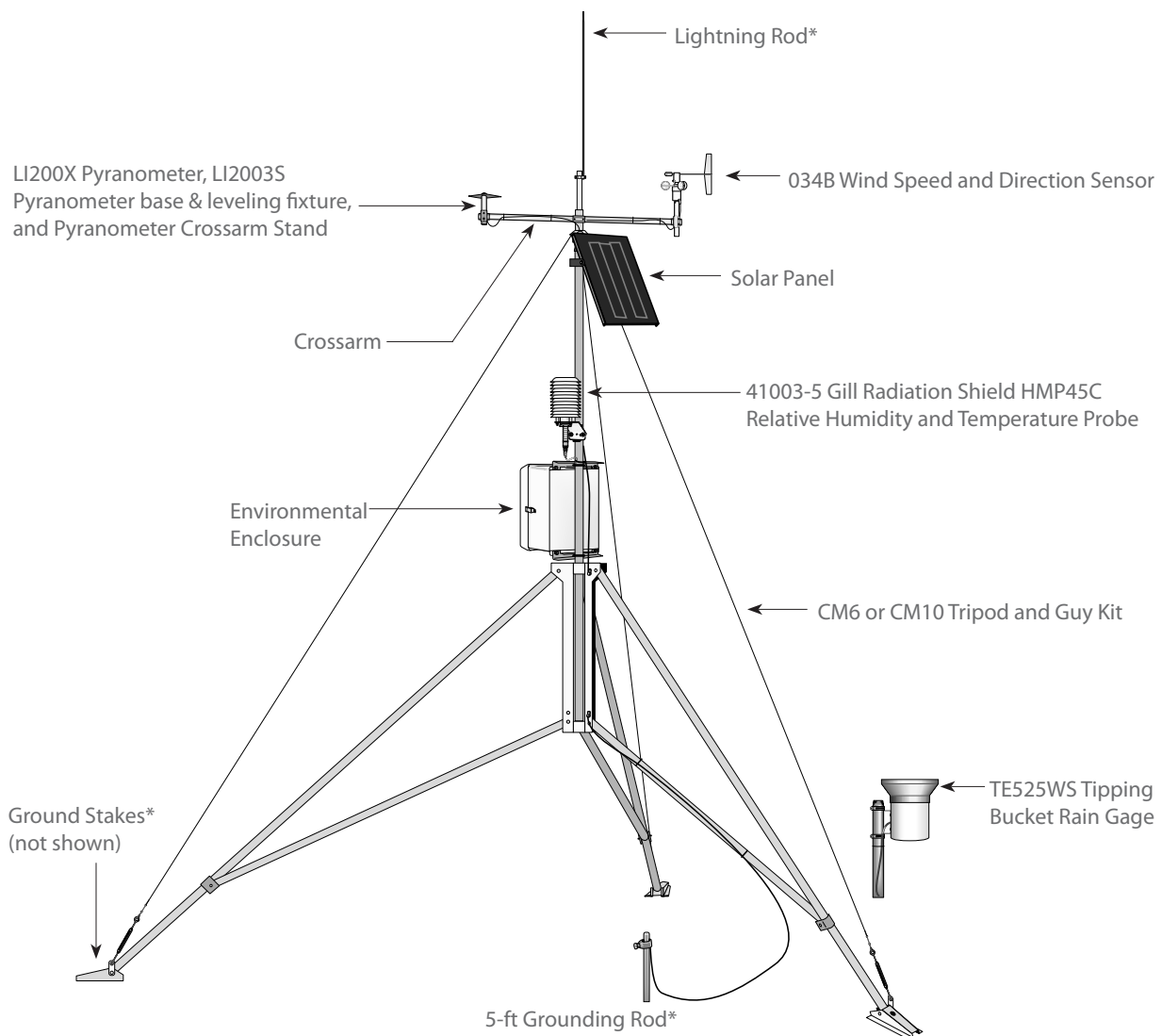


# CM6 and CM10

## Galvanized Steel Instrumentation Tripods

The CM6 and CM10 tripods are general purpose instrument mounts constructed out of corrosion-resistant galvanized steel. They support the attachment of sensors and mounts, solar panels, and environmental enclosures. The CM6 provides a 6 foot (2 m) measurement height for the wind sensors (see below), the CM10 a 10 foot (3 m) measurement height. Individually adjustable legs allow installation over uneven terrain. Both tripods include lightning and grounding rods, grounding cables, grounding cable clamps, ground stakes, and UV-resistant cable ties. An optional guy kit to improve the CM10's wind load rating (see back) is also available.

The CM6 and CM10 are used as portable instrument mounts in a variety of applications. For meteorological applications, tripods augmented with mounts (e.g., CM204 Crossarm) support the attachment of sensors such as wind sets, pyranometers, and temperature/relative humidity probes. Barometers, soil temperature and moisture probes, and rain gauges are also used with tripod-based weather stations. For non-meteorological applications, tripods can provide a portable instrument mount for enclosures and a mounting point for antennas.



\*Included with CM6/10 purchase. Other items purchased separately; alternate sensors available.

## CM10K Tripod Kit

The CM10K Tripod Kit is intended for overseas shipments. The kit contains most of the tripod's hardware. Customers must purchase threaded and unthreaded lengths of 0.75-in and 1.25-in galvanized pipe and a copper ground rod. The overseas shipping costs are significantly reduced when the galvanized pipe is purchased locally.

## Ordering Information

### Tripods and Tripod Kits

<b>CM6</b>	6 ft (1.8 m) galvanized-steel tripod with grounding kit
<b>CM10</b>	10 ft (3 m) galvanized-steel tripod with grounding kit
<b>CM10K</b>	CM6/CM10 Tripod Kit.

### Common Accessory

<b>10844</b>	Optional tripod guy kit for the CM10
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## Specifications

### Measurement Height

<b>CM6:</b>	6 ft (2 m)
<b>CM10:</b>	10 ft (3 m)

**Vertical Load Limit:** 100 lbs (45 kg)

**Mast:** 1.25 in PS (1.66 in outer diameter)

### Maximum Base Diameter

<b>CM6:</b>	6 ft (2 m)
<b>CM10:</b>	10 ft (3 m)

**Leveling Adjustment:** Slide collars on each leg adjust individually

### Leg Base

<b>CM6:</b>	2 in x 4 in with 0.5-in hole for ground stake
<b>CM10:</b>	2 in x 5 in with 0.5-in hole for ground stake

### Portability

<b>CM6:</b>	Collapsible to 4-ft length by 9-in diameter
<b>CM10:</b>	Collapsible to 6-ft length by 9-in diameter

### Weight

<b>CM6:</b>	45 lbs (20 kg)
<b>CM10:</b>	70 lbs (32 kg)
<b>CM10K:</b>	14.8 lbs (6.7 kg)

### Wind Load Recommendations

#### Sustained Wind

<b>Tolerance:</b>	100 mph (unguyed CM6); 70 mph (unguyed CM10); 120 mph (guyed CM10);
<b>Gust Tolerance:</b>	130 mph (unguyed CM6); 100 mph (unguyed CM10); 150 mph (guyed CM10);

