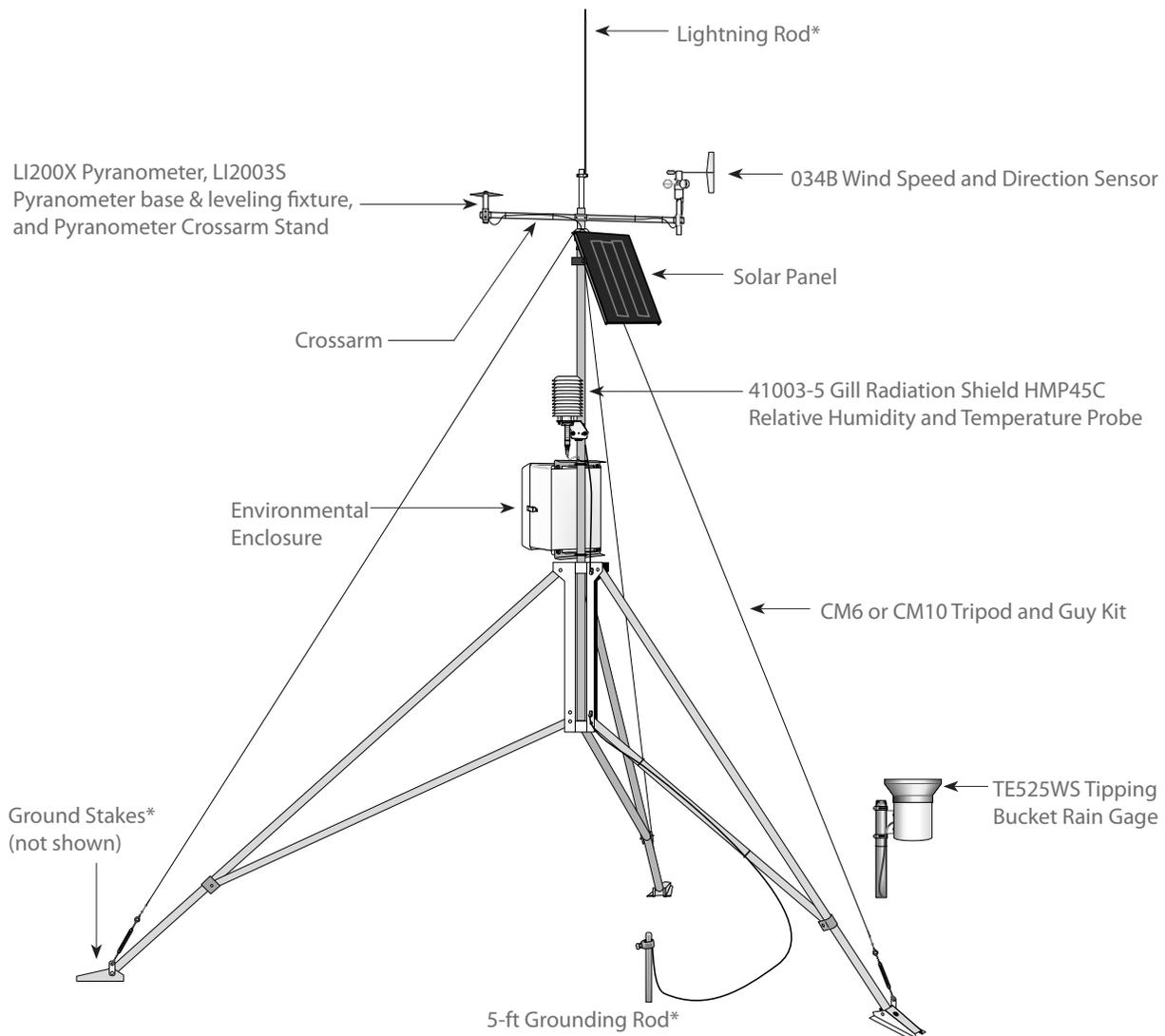


# CM6 and CM10

## 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 |
|--------------|--------------------------------------|

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

