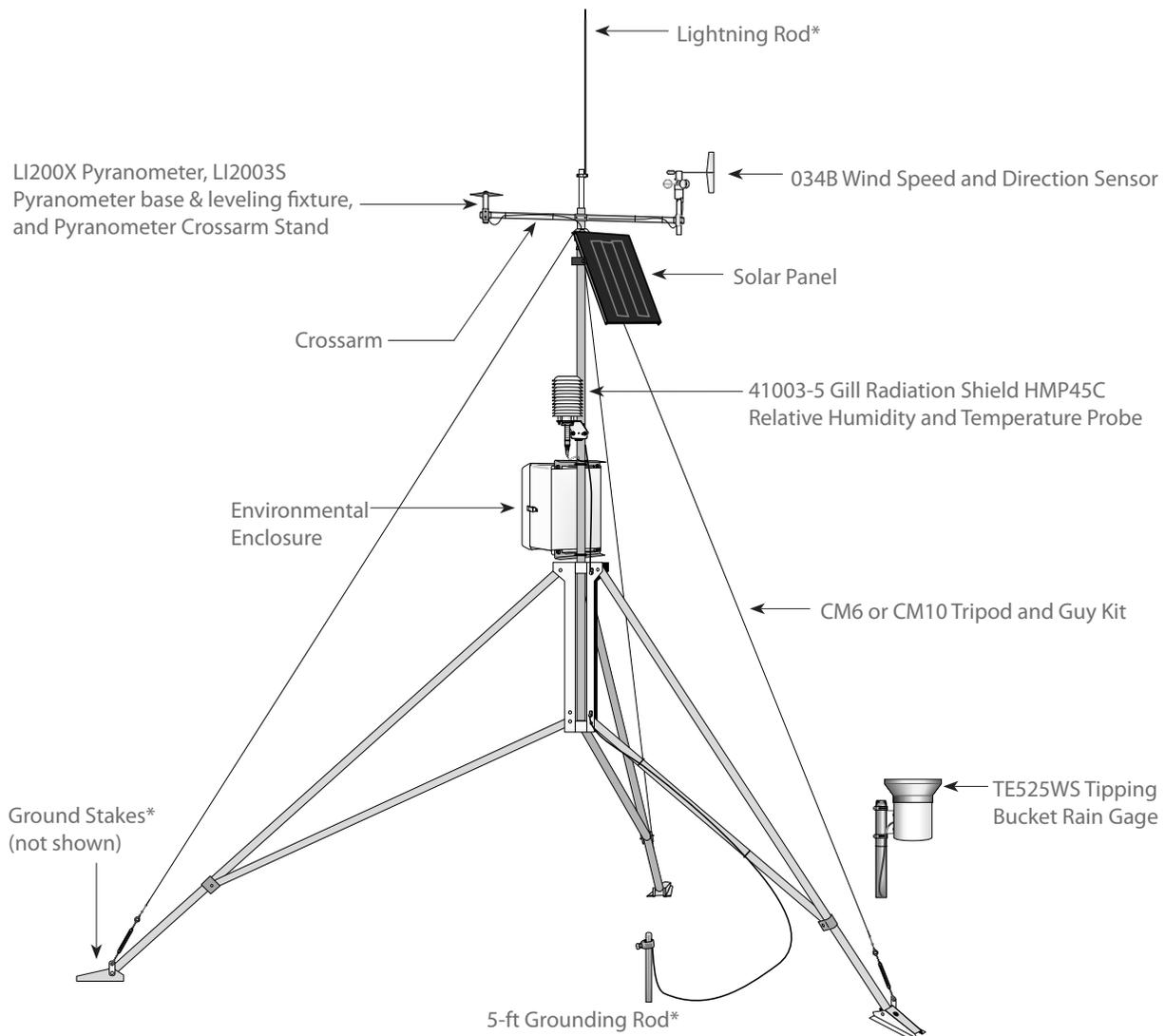


CM6 and CM10

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 gages 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

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

Common Accessory

10844	Optional tripod guy kit for the CM10
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Specifications

Measurement Height

CM6:	6 ft (2 m)
CM10:	10 ft (3 m)

Vertical Load Limit: 100 lbs (45 kg)

Mast: 1.25 in PS (1.66 in outer diameter)

Maximum Base Diameter

CM6:	6 ft (2 m)
CM10:	10 ft (3 m)

Leveling Adjustment: Slide collars on each leg adjust individually

Leg Base

CM6:	2 in x 4 in with 0.5-in hole for ground stake
CM10:	2 in x 5 in with 0.5-in hole for ground stake

Portability

CM6:	Collapsible to 4-ft length by 9-in diameter
CM10:	Collapsible to 6-ft length by 9-in diameter

Weight

CM6:	45 lbs (20 kg)
CM10:	70 lbs (32 kg)
CM10K:	14.8 lbs (6.7 kg)

Wind Load Recommendations

Sustained Wind

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

