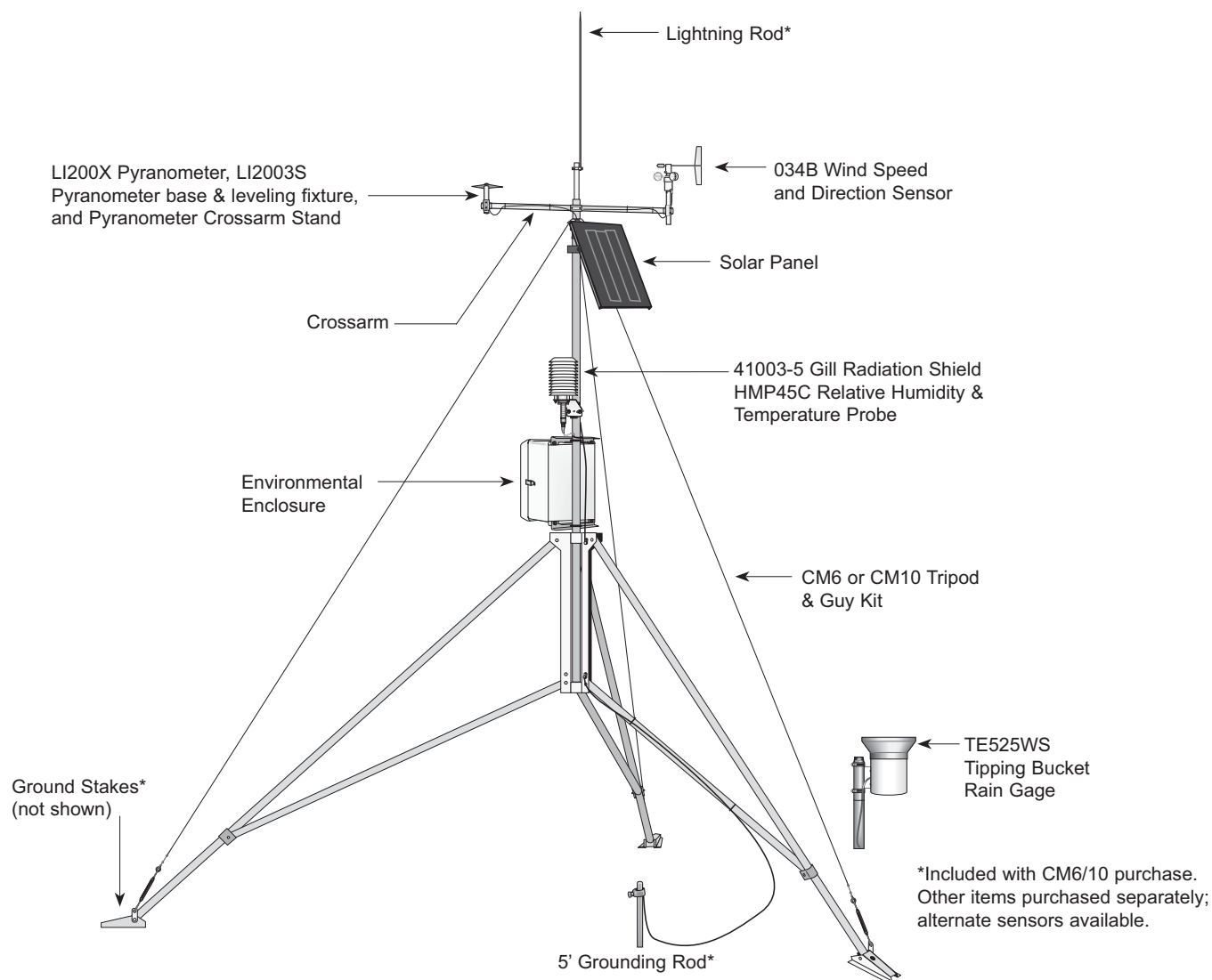


Galvanized Steel Instrumentation Tripods

Models CM6 and CM10

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.

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" and 1.25" galvanized pipe and a copper ground rod. The overseas shipping costs are significantly reduced when the galvanized pipe is purchased locally.

Ordering Information

| | |
|-------|--|
| CM6 | 6 ft (1.8 m) steel tripod with grounding kit |
| CM10 | 10 ft (3 m) steel tripod with grounding kit |
| 10844 | Optional tripod guy kit for the CM10 |
| CM10K | CM6/CM10 Tripod Kit |

Specifications

| | | | |
|--------------------------------|---|---|-------------------|
| | <u>CM6</u> | <u>CM10</u> | |
| Measurement Height: | 6 ft (2 m) | 10 ft (3 m) | |
| Vertical load limit: | 100 lbs (45 kg) | 100 lbs (45 kg) | |
| Mast: | 1.25 IPS (1.66 O.D.) | 1.25 IPS (1.66 O.D.) | |
| Maximum base diameter: | 6 ft (2 m) | 10 ft (3 m) | |
| Leveling adjustment: | Slide collars on each leg adjust individually | Slide collars on each leg adjust individually | |
| Leg base: | 2" x 4" with 0.5" hole for ground stake | 2" x 5" with 0.5" hole for ground stake | |
| Portability: | Collapsible to 4' length x 9" dia. | Collapsible to 6' length x 9" dia. | |
| | | | |
| | <u>CM6</u> | <u>CM10</u> | <u>CM10K</u> |
| Weight: | 45 lbs (20 kg) | 70 lbs (32 kg) | 14.8 lbs (6.7 kg) |
| | | | |
| Wind load recommendations: | Unguyed | Unguyed | Guyed |
| | <u>CM6</u> | <u>CM10</u> | <u>CM10</u> |
| Sustained wind tolerance (mph) | 100 | 70 | 120 |
| Gust tolerance (mph) | 130 | 100 | 150 |