

**CM10 AND CM6 TRIPOD  
INSTRUCTION MANUAL**

**REVISION: 11/90**

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## WARRANTY AND ASSISTANCE

The **CM10 AND CM6 TRIPODS** are warranted by CAMPBELL SCIENTIFIC, INC. to be free from defects in materials and workmanship under normal use and service for twelve (12) months from date of shipment unless specified otherwise. Batteries have no warranty. CAMPBELL SCIENTIFIC, INC.'s obligation under this warranty is limited to repairing or replacing (at CAMPBELL SCIENTIFIC, INC.'s option) defective products. The customer shall assume all costs of removing, reinstalling, and shipping defective products to CAMPBELL SCIENTIFIC, INC. CAMPBELL SCIENTIFIC, INC. will return such products by surface carrier prepaid. This warranty shall not apply to any CAMPBELL SCIENTIFIC, INC. products which have been subjected to modification, misuse, neglect, accidents of nature, or shipping damage. This warranty is in lieu of all other warranties, expressed or implied, including warranties of merchantability or fitness for a particular purpose. CAMPBELL SCIENTIFIC, INC. is not liable for special, indirect, incidental, or consequential damages.

Products may not be returned without prior authorization. To obtain a Returned Materials Authorization (RMA), contact CAMPBELL SCIENTIFIC, INC., phone (435) 753-2342. After an applications engineer determines the nature of the problem, an RMA number will be issued. Please write this number clearly on the outside of the shipping container. CAMPBELL SCIENTIFIC's shipping address is:

**CAMPBELL SCIENTIFIC, INC.**

RMA# \_\_\_\_\_

815 West 1800 North  
Logan, Utah 84321-1784

CAMPBELL SCIENTIFIC, INC. does not accept collect calls.

Non-warranty products returned for repair should be accompanied by a purchase order to cover the repair.



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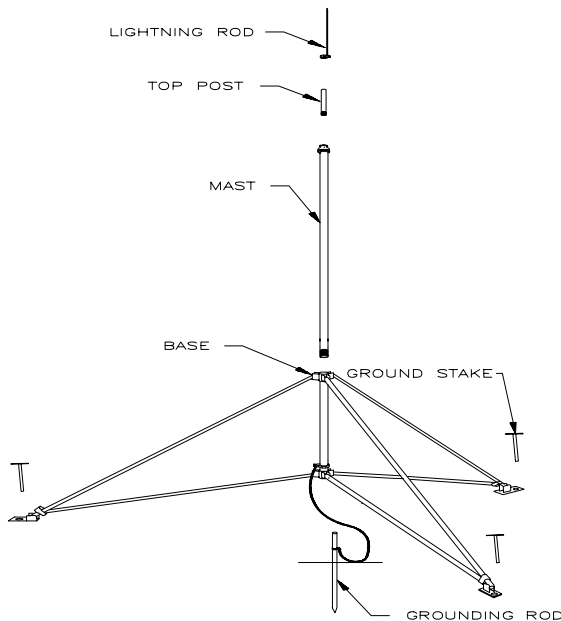
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# CM10 AND CM6 TRIPOD

## 1. GENERAL

The CM10 and CM6 Tripods are general purpose instrument mounts. They are designed to provide sturdy support for common sensors, enclosures, and antennas.

The CM10 is a 10 ft. adjustable tripod, and the CM6 is a 6 ft. adjustable tripod.



**FIGURE 1. CM10/CM6 Tripod Assembly Drawing**

## 2. CM10 SPECIFICATIONS

Height  
10 ft. (variable)  
Weight  
70 lbs.  
Vertical Load Limit  
100 lbs.  
Mast  
1 1/4 in. I.D. pipe  
Tripod Base Diameter  
Up to 10' (Adjustable)  
Leveling Adjustment  
Individual leg slide collars  
Leg Base  
2" x 5" with 1/2" ground stake hole  
Portability  
Collapsible to 6' length x 9" dia.

## 3. CM6 SPECIFICATIONS

Height  
6 ft. (variable)  
Weight  
45 lbs.  
Vertical Load Limit  
100 lbs.  
Mast  
1 1/4 in. I.D. pipe  
Tripod Base Diameter  
Up to 6' (Adjustable)  
Leveling Adjustment  
Individual leg slide collars  
Leg Base  
2" x 4" with 1/2" ground stake hole  
Portability  
Collapsible to 4' length x 9" dia.

## 4. ASSEMBLY

The CM10/CM6 is assembled as shown in Figure 1. The bolts on the leg's slide collars must be loosened before the tripod will unfold. Accessories for the tripods are shown in Figure 2. Following are the accessories for the tripods which may be purchased separately:

019ALU	Sensor Crossarm Mount
015	Pyranometer Mounting Arm
025	Pyranometer Crossarm Stand
41004-5	12 Plate Gill Radiation Shield for 207 Probe
41002-2	12 Plate Gill Radiation Shield for HMP35C
41301-5	6 Plate Gill Radiation Shield

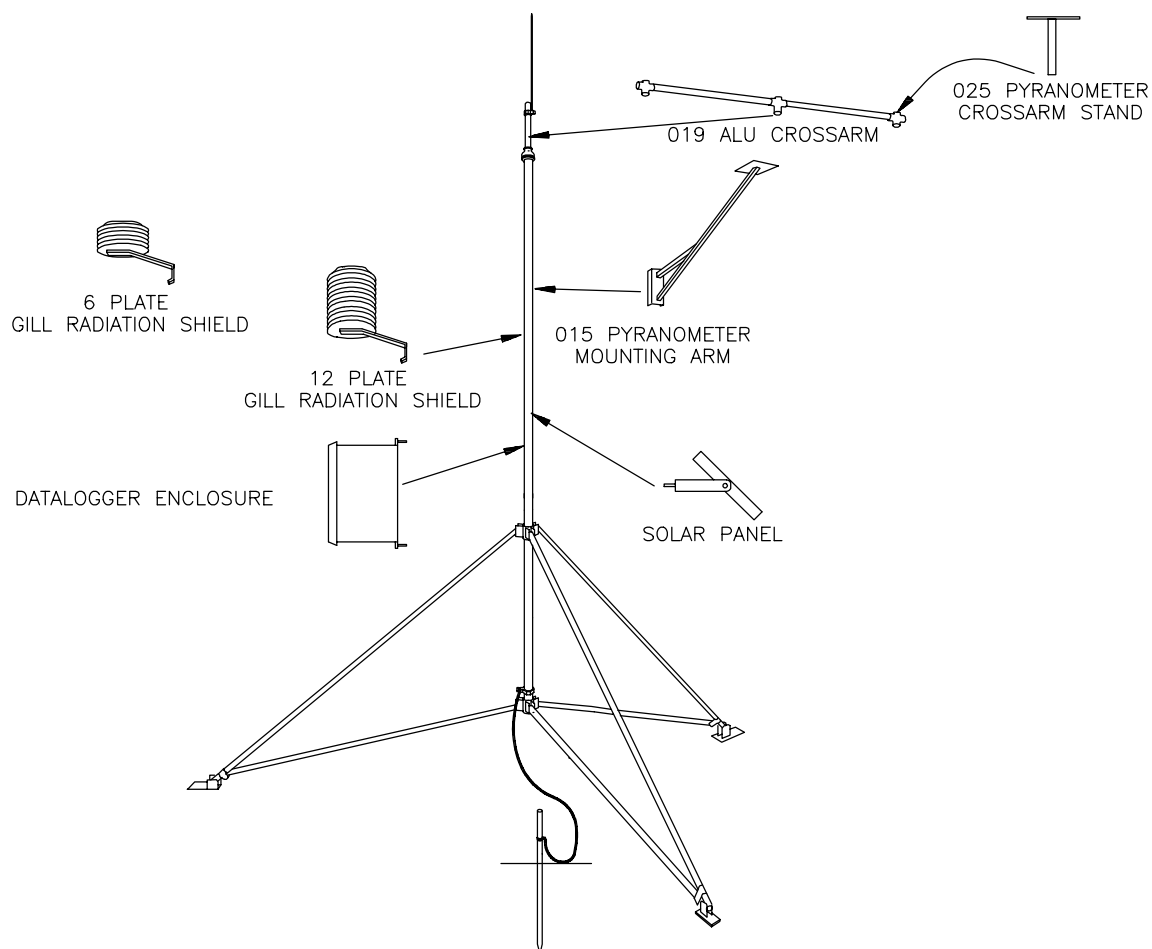
The 019ALU Crossarm connects to the tripod top post for mounting sensors such as pyranometers and wind sensors. The 015 Pyranometer Mounting Arm is used for mounting a pyranometer when both ends of the 019ALU Crossarm are used for other sensors. The 025 Pyranometer Crossarm Stand is the alternative pyranometer mount when only one end of the 019ALU Crossarm is being used for other sensors.

The 12 Plate 41004-5 and 41002-2 and the 6 Plate 41301-5 Gill Radiation Shields are housings for temperature and relative humidity sensors. The naturally ventilated shields eliminate radiation loading of the sensors. The

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size of the sensor determines whether a 12 plate or 6 plate shield is required.

The rain gauge is usually placed away from the tripod on a separate post or pipe, which is not provided.



**FIGURE 2. CM10/CM6 Tripod with Additional Accessories**