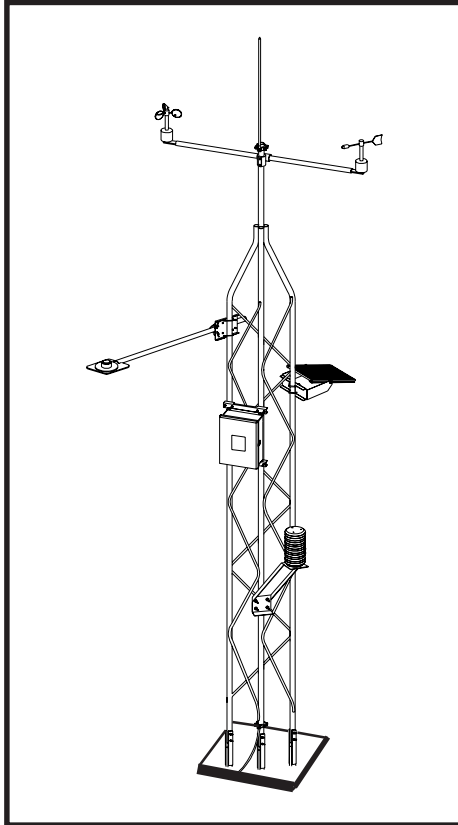


# ATW3 3-metre Tower

## A Compact Tower for Permanent Weather Stations



Typical Campbell Scientific weather station with an ATW3 tower

### Description

The ATW3 is a 3m unguyed aluminium tower designed for permanent installation. It consists of three tubes braced by continuous aluminium rod welded in a multiple 'Z' pattern. This gives high strength with a very low overall weight for easy assembly.

The standard tower base consists of three coated mild steel legs,

approximately 0.7m long, which are designed to be concreted into a hole 0.5m square by 0.5m deep.

The legs also act as a pivot, and so the tower can be easily tilted or lowered to the ground if required.

The ATW3 comes complete with a lightning spike. An optional full grounding kit, consisting of grounding rods, clamps and cable is available for 'high risk' areas.

### Sensor Hardware

Custom fittings for sensors include mounting arms for wind sensors and pyranometers, refer to our leaflet: "Instrumentation Mounts for CSL Tripods & Towers". Our engineers will be pleased to help you choose the correct hardware for your ATW3-based weather station.

### Installation and Maintenance

We offer a full site survey, installation and maintenance service for all our weather stations. Please contact us for further details.

*To find out more about the features and typical applications of Campbell Scientific weather stations, please refer to our "Automatic Weather Stations" brochure.*

## Key Features

Low weight for easy erection combined with high strength for durability

Custom made arms and fittings for easy mounting of sensors

Lightning spike supplied as standard

Optional full grounding kit available

## ATW3 Specifications

### Material:

Aluminium, with coated steel legs and stainless steel fasteners.

### Height:

3m (plus lightning spike)

**Weight:** 12kg

### Shipping Volume:

3.05 x 0.53 x 0.35m