



Places Visibility Measurement Volume of CS120A, CS125 & PWS100 at WMO recommended height

Overview

The OSM1 is a small tower designed specifically to mount the CS120A, CS125 and PWS100 optical sensors so that their measurement volumes are at the optimum 1.5m height as recommended by the WMO.

It is unguyed and designed for permanent installation.

It is supplied with four mounting bolts suitable for fixing to an existing concrete base.

The top section will take either a PWS100, CS120A or CS125 with room for a CS140 background luminance sensor and RAD10 screen below.

Benefits and Features

- › Low weight for easy erection combined with high strength for durability
- › Puts sample volume at 1.5 m in accordance with WMO Guide to Meteorological Instruments and Methods of Observation 2008, Chapter 9
- › Other towers are available including frangible masts for airport applications

Technical Description

This robust tower has four bolt holes on its base plate allowing the stand to be securely mounted to any hard surface. The pole is powder coated in white.

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

Specifications

General		
Material	Aluminium powder coated white	› Lower section: 0.80 m long, 76.2 mm diameter
Dimensions	› Top section: 0.57 m long, 50.8 mm diameter	Height 1.37 m
		Weight 6.5 kg
		Shipping Size 2.24 x 0.23 x 0.21 m

Optional features

› Lightning rod

› Grounding kit

For comprehensive details, visit: www.campbellsci.eu/optical-sensor-mount 



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