

SUN PHOTOMETER CE 317

Portable and autonomous instrument equipped with interference filters selected between 300-1100 nm

OPTICAL CHARACTERISTICS

Sensor head equipped with 1 collimator aiming angle 1° or 5° by manual process.

Measurement of :

- Sun radiance : FOV 1°
- Sky radiance : FOV 5°

Movable filters mounted in a rotating wheel

Capacity : 6 filters

Standard filters : 440,670,870,1020,936nm

Positioning mode

Manual aiming : positioning by press-button of the electronic box.

DATA OUTPUT

Local reading

Storage in removable EPROM read ale on IBM PC.

MESURING SEQUENCE

Step by step or automatic measurement of all filters.

POWER SUPPLY

Internal battery

Option : solar panel

PRESENTATION

Waterproof box with internal batteries

Option : frame support with solar panel



APPLICATIONS

Atmospheric corrections of satellite data (AVGRR, METEOSAT).

Spectral aerosol optical thickness.

Determination precipitable water (water vapor).

Sky radiance.



CIMEL Electronique

172, rue de Charonne – 75011 PARIS – Tél. 00.33.(1).43.48.79.33 – Fax. 00.33.(1).43.48.62.61

 www.cimel.fr