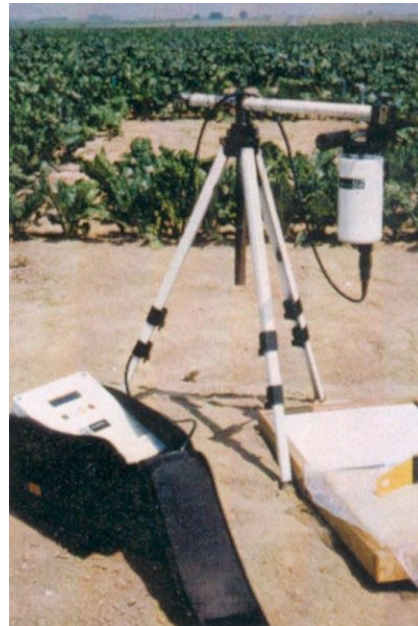


FIELD RADIOMETER CE 313

Portable and autonomous instrument equipped with an optical head for radiance and irradiance measurement

Optical head with 2 collimators for measurement in the ranges 350-1100 and 1100-1800 nm



OPTICAL CHARACTERICS

Optical head equipped with an exchangeable filter mounted in a rotating wheel.

Capacity : 8 filters

Input field of view : 10°

CE 313-1 for Bo-S1-S2-S3-TM1-TM3 Silicon precision detector Range : 450-550-650-850 nm

CE 313-2 for Bo-S1-S2-S3-TM1-TM3 + middle infrared B4.

- 1 Silicon precision detector,
- 1 Compensated photo sensor Range : 450-550-650-850-1600 nm

OPERATING MODE

- Manual or automatic scanning
Scanning time programmable : 1 mn to 1 h
- Storage on static block memory
Capacity : 1000 sequences
- Local reading

DATA OUTPUT

Storage in internal memory

Software for transfer, storage and ASCII data file creation.

PRESENTATION

Optical head connected to an electronic waterproof and autonomous box

Power supply internal battery

REFLECTANCE APPLICATION

Simultaneous measurement of radiance and irradiance with 2 instruments.

- One instrument at a fixed position viewing a reflectance panel
- the second one for the irradiance measurement.

It is possible to use a single instrument and to measure alternatively radiance and irradiance



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