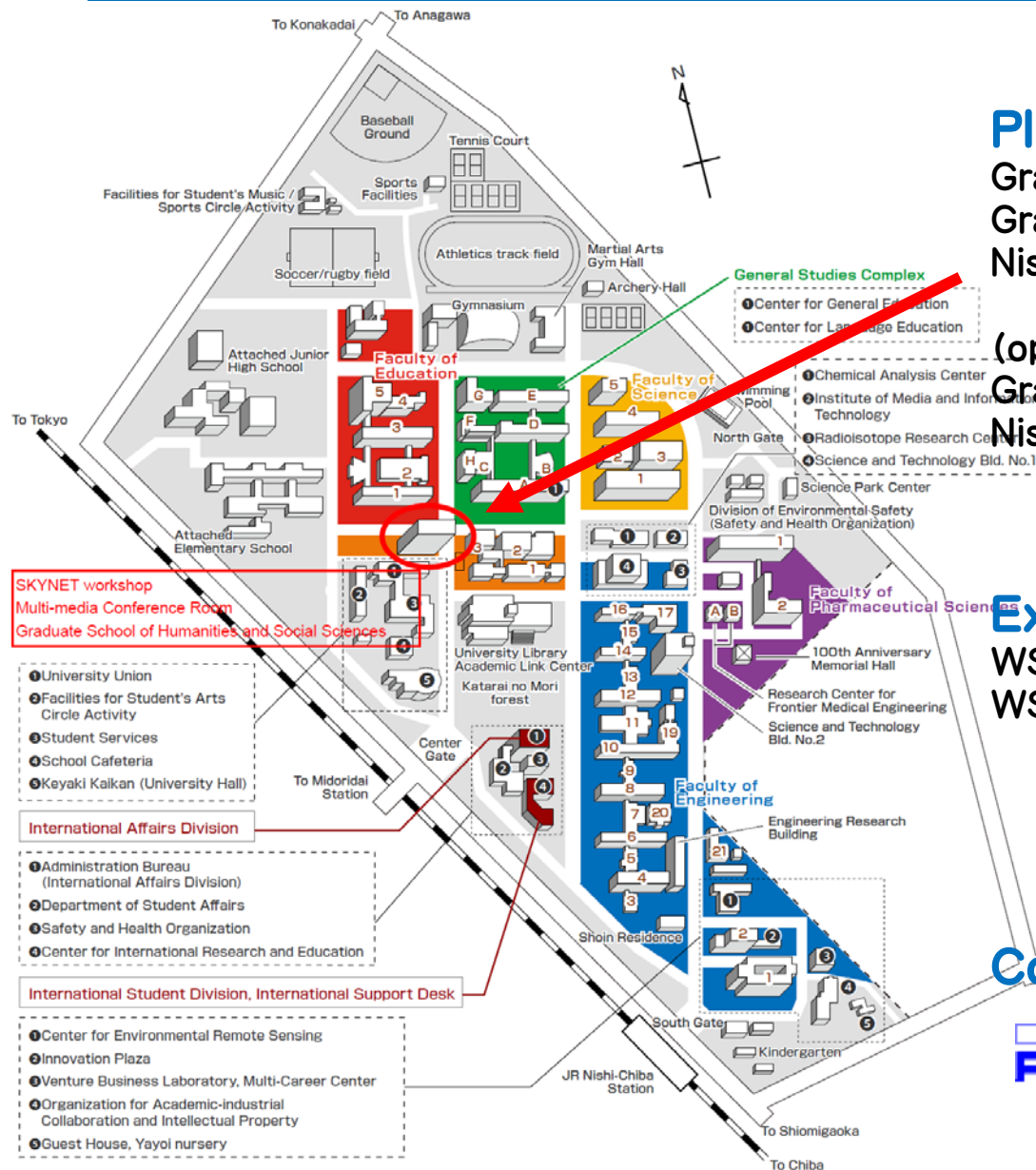


Exhibition in the SKYNET workshop

***A venue to connect you with companies
dealing with SKYNET-relevant instruments***



Place, time, and participating companies



Place

Graduate Lounge (2nd floor)

Graduate School of Humanities and Social Sciences
Nishi-Chiba Campus, Chiba University, Chiba, Japan

(optional) Courtyard (1st floor)

Graduate School of Humanities and Social Sciences
Nishi-Chiba Campus, Chiba University, Chiba, Japan

Exhibition time (maximum)

WS Day#1 July 4 (Thr) 9:00-17:00

WS Day#2 July 5 (Fri) 9:00-17:00

Companies

PREDE

EKO

Sky Radiometer

POM-02

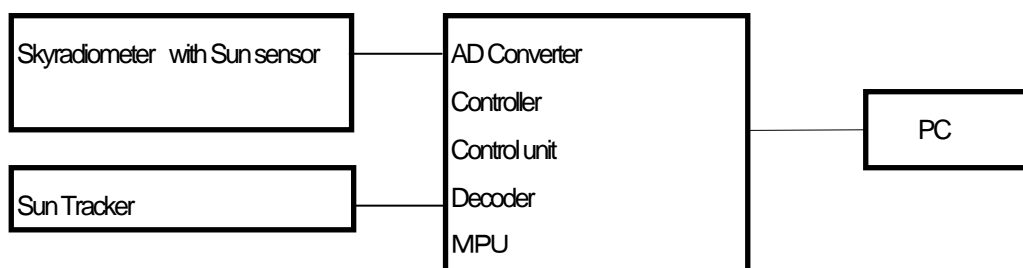


Features

POM-02 is an instrument to measure the circumsolar radiation and the spectrum intensity of the direct solar radiation, for the estimation of the dust particle size distribution and density.

Detector part is mounted on the sun tracker, with the Sun sensor by which the instrument can follow the position of the sun all the time. Measured data are processed through the micro processor and stored into the PC. In addition to the all features of POM-01, POM-02 has a long wavelength filter and the function of cloud measurement, during the stand-by mode.

Construction



PREDE PREDE Co., Ltd.

Sasamoto Building 26-8 Kamidaira 1-chome Fussa-shi 197-0012 Japan,

TEL: +81-(0)42-539-3755 FAX: +81-(0)42-539-3757

URL: <http://www.prede.com/> E-Mail: sales@prede.com

Specification

Opening Half View Angle	0.5deg
Minimum diffuse Angle	3deg
Wave Length	315, 340,380,400, 500, 675, 870, 940, 1020,1627,2200 nm (standard)
Wavelength selection	Filter wheel
Detector	Short wavelength :Silicone photo diode
	Long wavelength: In Ga As
Drive system	Pulse motor drive system
An angle of operation	350deg Direction angle
	150deg Zenith angle
Solar position sensor	4Element Si sensor
PC interface	RS-422
Power consumption	100W
Power	AC100~AC240V/2A
Cable length	20m(standard)
Weight	Skyradiometer with Sun tracker /about 19kg
	Cable/ about 4kg

Dimension

