

# Rotating Shadow Blade PRB-100



## Feature

The shadow blade is designed for Pyranometer. It is instrument to measure diffuse solar radiation to shield direct solar radiation.

The blade is inclined according to the latitude of setting spot, and can drive a blade by a built-in CPU and pulse motor. Therefore it is possible to measure the global solar radiation and the diffuse solar radiation at the same time.

It is possible to measure the diffuse solar radiation by changing the setting.

**PREDE** PREDE Co., Ltd.

Research center : 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/>

## Specification

Field of view	5 degree
Tilt angle	1 degree
Blade diameter	582mm
Blade width	50mm
Range of latitude that can be set up	20 to 50 degree
Drive method	Pulse motor and CPU
Junction signal	Output a signal displaying a current state
Power supply	AC100V
Cable	10m
Dimension	D500 x W250 x H700mm
Weight	12kg