

IF YOU
MEASURE IT,
YOU CAN
CONTROL IT



A Company Founded by
Alumni of IIT, Bombay.



PYRANO METER

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NABL Accredited
Certificate No: - CC-3140

PYRANO METER

Aarohi introduces micro controller based most reliable & highly accurate pyrano meter for solar irradiance measurement



Specification

Parameter	Description
Range	-
Display type	4 Digit 0.56" red seven segment
Response time: time to reach 95% response	< 60 sec.
Accuracy	0.5 %
Zero-offset:	+/- 7 W/m ²
Temperature response	8%
Tilt response: % deviation in responsivity relative to 0 ... 90° tilt at 1000 W/m ² beam irradiance	± 5%
Computer Interface	Rs 485/ 232
Auxiliary supply	230V AC ± 10%
Dimensions	60mm x 160mm x 100mm

Application

- ✓ Solar pump testing
- ✓ Solar PV module testing

Features

Class of accuracy: 0.5
Computer interface through RS-485

Features	Benifit
Micro controller based design	Provides even accuracy for entire range
Class of accuracy: 0.5	Testing according to IS/ IEC standard is possible
Easy to install	Increases work efficiency
Computer interface through RS-485/ Rs-232	Data acquisition is very easy
0.56" seven segment display	Visible from long distance



Aarohi Embedded Systems Pvt. Ltd.

Plot No. G-(1004-8)/A, Kishan Gate, Nr. Durga Weigh Bridge,
GIDC Metoda, Rajkot - 360 021. INDIA.

P : 0281 297280 | **M** : +91 95129 99942

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E : info@aarohies.com

W : www.aarohies.com

