

IF YOU
MEASURE IT,
YOU CAN
CONTROL IT



A Company Founded by
Alumni of IIT, Bombay.



FULLY AUTOMATIC SOLAR PUMP TESTING SYSTEM WITH DATA ACQUISITION

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NABL Accredited
Certificate No: - CC-3140

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To reduce human effort and minimize manual error Aarohi developed automatic solar pump testing panel. With help of ultra modern technology this panel will increase productivity & work efficiency of your plant. Automated data logging facility gives detailed analysis of pump parameter & its performance.



Specification

Parameter	Description
Range	10 HP
Enclosure (Panel) type	Table top, Cupboard
Parameter measured	V, AMP, KW, Freq., RPM, Flow, Suction & discharge pressure
Computer interface	Rs 485/ 232
Suitable Motor type	AC/PMSM/ DLDC
Software	Solar analyzer software with realtime data monitoring & Performance report generation with required graph
Data login	Automatic
Pressure control	Automatic with help of motorized valve
Enclosure/ Panel colour	Simens gray
Output connections	Piano terminal (Screw less terminals)
Capacitor selector	Separate switches provided for starting & running capacitor



Application

- ✓ Solar Pump testing
- ✓ Pump testing labs
- ✓ Lab. for educational institute

Features

Features	Benefit
Data logging facility	Minimize human efforts & errors
Report generation with graph as per standards	No need of highly qualified person for testing
Computer interface through RS-485/ RS-232	Data acquisition is very easy by just clicking
Operator friendly operation	Increases work efficiency
Aesthetic design of panel	Create a good impression on visitors
Motorized valve with pressure regulator	Maintains head (Pressure) precisely as per standard

Aarohi Embedded Systems Pvt. Ltd.

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