

IF YOU
MEASURE IT,
YOU CAN
CONTROL IT



A Company Founded by
Alumni of IIT, Bombay.



**SMART POWER
ANALYZER WITH PUMP
(MOTOR EVOLUTION PARAMETER)**

www.aarohies.com



NABL Accredited
Certificate No. - CC-3140

SMART POWER ANALYZER WITH PUMP (MOTOR EVOLUTION PARAMETER)

AAROHI introduced world first 3rd generation smart power analyzer with built in pump & motor evolution parameter, Colour 7" graphic display, Arresting aesthetic look . This instrument equipped with following modules: RS 485, Bluetooth, Wifi , Memory card, USB interface & many more.

This power analyzer is ideal for no load as well as full load analysis for pump & motor testing , R & D & quality enhancement because of special customized software with automatic data acquisition facility & flexibility to select analogue or digital inputs.



Specification

Parameter	Description
Range	V: 5 to 700 (Ph to Ph RMS)/ Amp. 0.01 to 300 Amp. (Direct measurement)/ W: 0.001 to 105.000 KW
Display Type	7" colour graphic display
Accuracy	0.05% for Voltage, Ampere, Frequency 0.1% for Watts & PF
Voltage Frequency Range	10 to 500 Hz
Analogue inputs	8 Channel Analog input (4-20 mA, 0-5V,0-10V DC input for Pressure, Flow, Suction measurement)
Temp. Measurement Range	PT 100, Range: -70 to 600°C with 0.05% accuracy
Torque Measurement Range	2 channel load cell input Range: ±00.000 to ±99.999 Count with 0.05% accuracy
Sample Rate	8000 sample/ Second
Dimensions	395 mm x 275 mm x 130 mm
Parameter	Pressure, Suction, RPM, CRPM, Flow Indicator,Torque , Output power, Input Power,% Slip Frequency, 1/3phase Volt, Amp, Watt, VA, VAR, Kwh.



Application

- ✓ Production line or QA testing of electric motors & pump
- ✓ No load , Full load & Temp. rise t test Motor I& pumps
- ✓ Development, evaluation & QA testing for home appliances

Features

Features	Benifit
Highly accurate	Ideal to test motors as per IEC 61000-4-7 Class I and Class II Accuracy & other IES/ ISO/ ISI standards
3 phase 4 wire measurement	Compatible for 1, 2 & 3 phase measurement of motors/ Pumps sets
Direct measurement	No external CT or PT required (Up to 300 Amp.) eliminate phase & ration errors
Design of DSP engine with floating point calculation	Swift, Error- free, Precise measurement
8 channel analogue inputs	Gives distinctive identity for pump & motor testing
7" 16 million graphic display	Parameter displayed with graphical symbols, Even in bright light visible from grater distance
Wi-Fi + Bluetooth Enabled	Provide trouble free& quick & interfacing with PC & mobile

Aarohi Embedded Systems Pvt. Ltd.

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