EMBUILT TECHNOLOGIES

DPA-1i

SINGLE PHASE POWER ANALYSER



Testing made Organised, Reliable, Simpler & Faster

Key Features

- DSP Based True RMS Technology
- PC Interfacing with report generation
- CT ratio setting facility
- Accuracy class 0.2
- PASS/FAIL Facility
- Simultaneous Display

Smart Instrument for Testing Electrical Appliances


Ballast


Air Conditioner


Motors


Single Phase Transformers


Fans

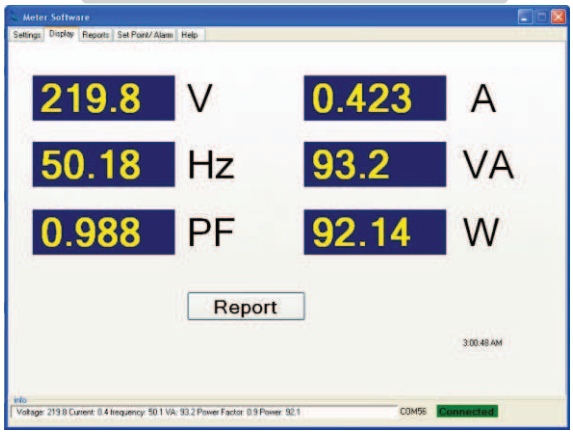

CFLs

Smart Solution Makes you **SMARTER**

Technical Specification

A) Input Voltage	3 -600 V AC
B) Input Current	1mA-500mA / 5mA-5A / 50mA-20A AC
C) Measurement	True RMS
D) Resolution	Floating Decimal Point
E) Accuracy	Class 0.2 and for P.F. ± 0.005
F) Display	Four Rows 7- Segment Display
G) Aux. supply	230V ± 20% AC
H) Dimension(mm)	Front 101 by 254. Depth 201
I) Communication	A) USB B) RS485(Optional)

COMPUTER INTERFACING

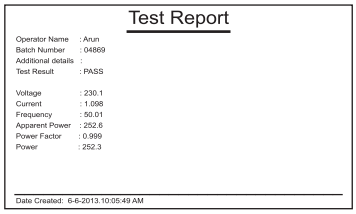


Features :

- Report Generation
- Data Logger
- Online Graphing
- Real Time View

EXCEL & PDF REPORT

Report in PDF Format



Test Report

Operator Name : Arun
Batch Number : 04869
Additional details :
Test Result : PASS

Voltage : 230.1
Current : 1.098
Frequency : 50.01
Apparent Power : 252.6
Power Factor : 0.999
Power : 252.3

Date Created: 6-6-2013,10:05:49 AM

Report in Excel Format

DATE	TIME	Voltage	Current	Power Factor	Wattage	Frequency	Apparent Power
6/5/2013	5:31:37 PM	230.1	1.089	0.999	250.3283	49.97	250.5785
6/5/2013	5:31:38 PM	229.9	1.073	0.999	246.436	49.89	246.6827
6/5/2013	5:31:39 PM	230	1.09	0.998	250.1986	49.99	250.7
6/5/2013	5:31:40 PM	230.2	1.072	0.999	246.5276	49.99	246.7744
6/5/2013	5:31:41 PM	230.1	1.069	0.999	245.7305	49.98	245.9768
6/5/2013	5:31:42 PM	230.1	1.065	0.999	244.8114	49.99	245.0565
6/5/2013	5:31:43 PM	230	1.073	0.997	246.0496	50	246.75
6/5/2013	5:31:44 PM	229.9	1.07	0.997	245.255	50.01	245.993
6/5/2013	5:31:45 PM	229.8	1.068	0.998	244.9355	50.01	245.4264
6/5/2013	5:31:46 PM	229.9	1.073	0.999	246.436	50	246.6827
6/5/2013	5:31:47 PM	230.2	1.072	0.998	246.2809	50.01	246.7744
6/5/2013	5:31:48 PM	230.5	1.093	0.998	251.4326	49.99	251.9365
6/5/2013	5:32:01 PM	230.8	1.098	0.999	253.165	49.98	253.4184
6/5/2013	5:32:02 PM	230.2	1.072	0.999	246.5276	49.99	246.7744
6/5/2013	5:32:03 PM	230.4	1.091	0.999	251.115	49.99	251.3664
6/5/2013	5:32:04 PM	230.6	1.095	0.999	252.2545	49.99	252.507
6/5/2013	5:32:05 PM	231.1	1.1	1	254.23	50	254.23
6/5/2013	5:32:06 PM	230.5	1.093	0.999	251.4326	49.88	251.9365

PASS/FAIL FACILITY



Fig.1

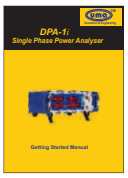
User can set alert limit for Watt, Current & Power Factor for five different type of models. Relay will get actuated if any parameter goes beyond safe limit.

Standard Accessories


POWER CABLE


USB CABLE


Clamp on CT (Optional)



MANUAL


SOFTWARE CD


PATCH CORDS

Related Products

- Three phase power analyser (DPATT-3Bi)
- Data acquisition system (DAQS-1)

Developed & Manufactured By :

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