



**EMBUILT
TECHNOLOGIES**

DPA-1i

SINGLE PHASE POWER ANALYSER



Testing made Organised, Reliable, Simpler & Faster

Key Features

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

Smart Instrument for Testing Electrical Appliances



Ballast



Air Conditioner



Motors



Single Phase
Transformers



Fans



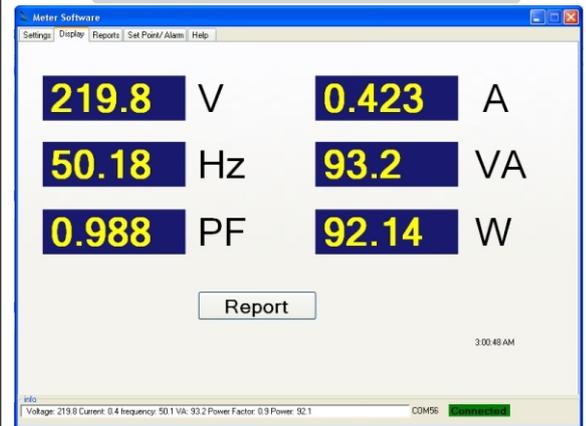
CFLs

Smart Solution Makes you **SMARTER**

Technical Specification

A) Input Voltage	20 - 500 V AC
B) Input Current	10mA - 2A AC (up-to 20A also available)
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 $\pm 20\%$ 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	: PASS
Test Result	
Voltage	: 230.1
Current	: 1.098
Frequency	: 50.01
Apparent Power	: 252.6
Power Factor	: 0.989
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
6/5/2020	5:31:37 PM	230.1	1.089	0.999	250.3283	49.97	250.5789
6/5/2020	5:31:38 PM	229.9	1.073	0.999	246.436	49.89	246.6827
6/5/2020	5:31:39 PM	230	1.09	0.998	250.1986	49.99	250.7
6/5/2020	5:31:40 PM	230.2	1.072	0.999	246.5276	49.99	246.7744
6/5/2020	5:31:41 PM	230.1	1.069	0.999	245.7309	49.98	245.9769
6/5/2020	5:31:42 PM	230.1	1.065	0.999	244.8114	49.99	245.0565
6/5/2020	5:31:43 PM	230	1.073	0.997	246.0496	50	246.79
6/5/2020	5:31:44 PM	229.9	1.07	0.997	245.259	50.01	245.993
6/5/2020	5:31:45 PM	229.8	1.068	0.998	244.9359	50.01	245.4264
6/5/2020	5:31:46 PM	229.9	1.073	0.999	246.436	50	246.6827
6/5/2020	5:31:47 PM	230.2	1.072	0.998	246.2809	50.01	246.7744
6/5/2020	5:31:48 PM	230.5	1.093	0.998	251.4326	49.99	251.9365
6/5/2020	5:32:01 PM	230.8	1.098	0.999	253.165	49.98	253.4184
6/5/2020	5:32:02 PM	230.2	1.072	0.999	246.5276	49.99	246.7744
6/5/2020	5:32:03 PM	230.4	1.091	0.999	251.115	49.99	251.3664
6/5/2020	5:32:04 PM	230.6	1.095	0.999	252.2545	49.99	252.507
6/5/2020	5:32:05 PM	231.1	1.1	1	254.21	50	254.21
6/5/2020	5:32:06 PM	230.5	1.093	0.998	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



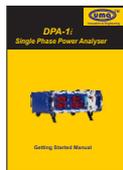
POWER CABLE



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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