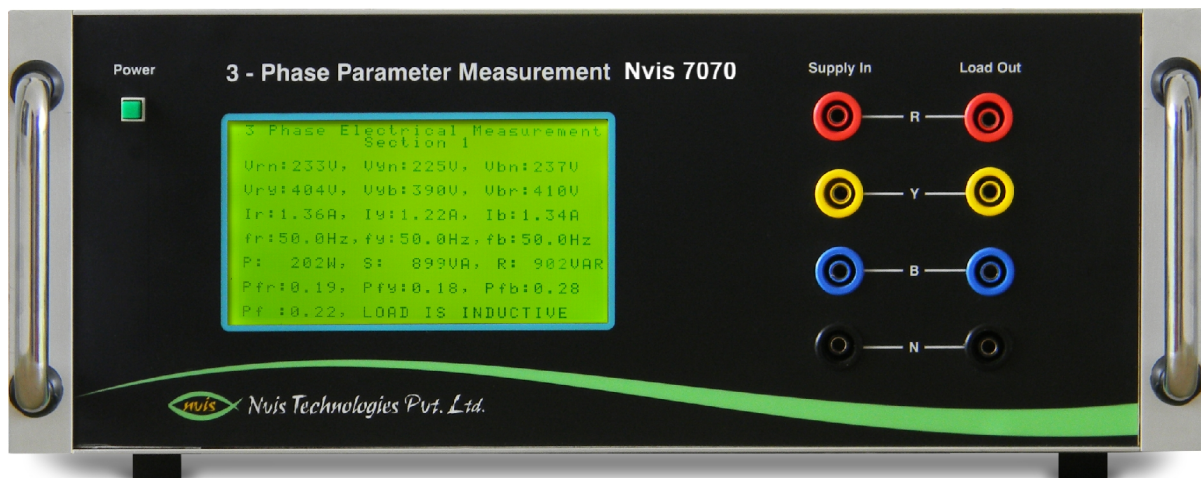




3-Phase Parameter Measurement

Nvis 7070



Nvis 7070 is a high accuracy 3-phase electrical energy measurement device. It is designed to measure any 3-phase electrical system simultaneously without using individual meters. It is a compact table top unit, which includes signal processing required to perform Voltage, Current, Frequency, Active Power, Reactive Power, Apparent Power and Power Factor Measurements. This product is suitable to measure active, reactive, and apparent energy in various 3-phase configurations such as WYE or DELTA services. It is Compatible with both 3-phase/3-wire and 3-phase/4-wire systems. All the parameters measured are displayed simultaneously on a single display unit.

Features

- Microcontroller based design for accurate measurement
- 240 x 128 Graphical LCD Display to view all the parameters
- Simultaneous display of Three Phase electrical parameters
- Used with Single Phase / Three Phase Supply

Technical Specifications

Measurement Connection Type	: Input and Output
Input Voltage Range (V_r , V_y , V_b)	: 30–230Vrms AC, Accuracy $\pm 2\%$
Input Voltage Range (V_{ry} , V_{yb} , V_{br})	: 50–450Vrms AC, Accuracy $\pm 2\%$
Input Current Range (I_r , I_y , I_b)	: 0.20–10Amp, Accuracy $\pm 2\%$
Frequency	: 45–55Hz, Accuracy $\pm 1\text{Hz}$
Active power	: 50–5000Watts, Accuracy $\pm 5\%$
Reactive power	: 50–5000Watts, Accuracy $\pm 5\%$
Apparent power	: 50–5000Watts, Accuracy $\pm 5\%$
Auxiliary Supply	: 230V $\pm 10\%$, 50Hz
Power Factor	: 0.30 to 0.99 both Lead and Lag, Accuracy $\pm 2^\circ$ Electrical