



GOPAL ELECTRONICS

3 Phase Power Analyzer

DXL-700

Catalogue



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Overview

DXL-700 is a sophisticated and versatile power analyzer for accurate power measurements. The DXL-700 family of power analyzers covers 3 phase applications in both low and high current. DXL-700 is a multi-range power analyzer with basic 0.1 % R+R accuracy.

The gap less four-quadrant power measurement technique gives better accuracy at distorted waveforms or AC Drive (VFD) operated power supply. Non-gapping calculations of averaged values for each phase. In three phase system, additionally calculation of total power and averaging of V and I of three phases. This device is particularly easy to use because of its user-friendly key board and easy to operate it by direct all control keys.

Technical specifications

Warm up time	30 minutes (For specified accuracy)
Number of channels	3 Voltage, 3 Current
Maximum DC voltage input	700V rms / 1000V peak
Voltage multiplier / PT scaling	0.01 to 500.00
Voltage Input Impedance	2.82 MΩ Phase to Neutral
Maximum Direct Current	80A rms / 113V peak
Current multiplier / CT scaling	0.01 to 500.00
Recommended CT	20VA to 100VA class 0.1
Power multiplier / Watt scaling	0.001 to 2.000
Operating Temperature	10 ° C to 45 ° C
Operating Humidity	20% to 75% RH (non condensation)
Display type	LCD 4 x 20-line, jumbo Character, Yellow Black
Instrument dimension	Height = 183 mm Width = 518 mm Length = 330 mm Weight = 4.7 Kg