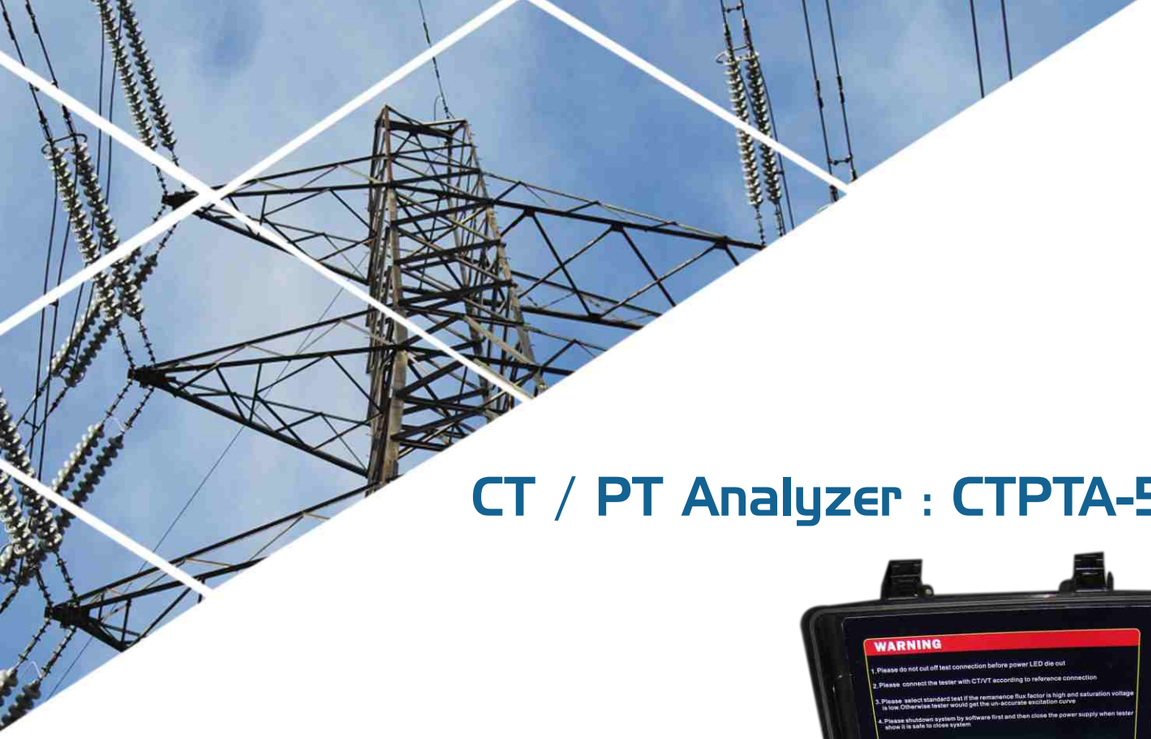

CT / PT Analyzer : CTPTA-504

Introduction:

UDEY 'CTPTA-504 is a comprehensive CT and PT analyzer. It's constant voltage and current is highly stable. DSP system controls the constant voltage and current source output and amplitude. This source generates AC of 0-125V and or DC of 0-0.5A current to sample CT. The DSP system besides controlling the sources, also samples data and communicates with the internal computer. Display screen is large LCD with touch pad. The analyzer is highly accurate with high noise immunity and is very user friendly.

Features:

Test standards	: IEC60044-1, IEC60044-2,IEC60044-6
Ratio measurement	: 1-35,000
Built-in computer	
Large LCD display	
User interface	
Memory	: Save more than 1000 groups
Weight	: <15 kg.

Introduction:

Application:

Tests on Current transformers
Excitation curve and parameters tests
Turns ratio tests
Ratio and phase error tests
Polarity mark checks
Coil resistance measurement
Secondary loop burden measurement
Protection Ct: error line curve
Transient CT parameters tests
Nameplate checks for unknown data
Saturation hysteresis loop curve measurement

Tests on voltage transformers

Turns ratio tests
Polarity mark checks
Secondary burden tests
Coil resistance measurement

Specifications :

Test Standards	: IEC 60044-1, IEC 60044-2, IEC 60044-6
Power Output	: 0.1 to 180V (AC)
Current Output	: 0.001 to 5A (RMS)
Power Output	: 300VA
Test Frequency	: 0.1 to 60Hz
Maximum Knee Voltage Measurements	: 45KV
Current Measurement	: Range: 0-10A (auto-range: 0.1A / 0.4A / 2A / 10A) : Error <± 0.1% RDG to 0.01%FS
Voltage Measurement	: Range: 0-200V (auto-range: 1V / 10V / 70V / 200V) : Error <± 0.1% RDG to 0.01%FS
Turns Ratio Measurement	: Range: 1 to 35000 : 1-2000 error <0.05% RDG : 2000-5000 error < 0.1% RDG : 5000-35000 error < 0.2% RDG
Phase Measurement	: Error <± 2 min, resolution: 0.01 min
Coil Resistance Measurement	: 0 to 8 kohm (auto-range: 2 ohm/20 ohm/80 ohm/800 ohm/8 k ohm) : Error <± 0.2% RDG to 0.02% FS : Maximum resolution: 0.1 Milli ohm
Temperature Measurement	: -50 to 100°C, error: <3°C.
CT Secondary Burden	: 0 to 160 ohm (auto-range:2 ohm/20ohm/80ohm/160 ohm) : Error <± 0.2% RDG to 0.02% FS : Maximum Resolution: 0.001 ohm
PT Secondary Burden	: 0 to 80 kohm (auto-range: 800 ohm/8 k ohm / 80 kohm) : Error <± 0.2% RDG to 0.02% FS : Maximum Resolution: 0.1 ohm
PT Ratio Measurement	: Range: 1 to 35000 : 1-5000 error < 0.2% : 5000-35000 error < 0.5%
PT Phase Angle Measurement Error	: < 30 min
Saved Data Groups	: > 1000 groups
Power Supply	: AC 220V ± 10%, 50Hz / 60 Hz
Ambient	: Temperature: - 10°C to 50°C; R.H.: = 85% non-condensing
Dimensions	: 485mm x 356mm x 183mm approximate
Weight	: < 13 Kg approximate