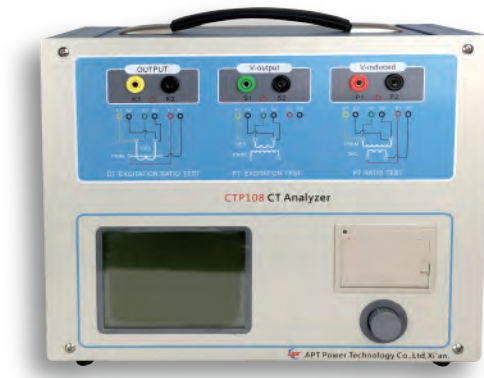


# Model CTP108 CT Analyzer



- Based on Low Frequency Test
- Protective and Measuring CTs
- Conform to IEC 60044-1,6,IEEC 57.13
- Knee Voltage up to 60KV
- Ratios up to 40000 with 0.05% accuracy
- CT Nameplate Guess
- All-In-One, Mobility & Safety
- Small and Lightweight, Only 10 Kg
- PT Routine Test also

## | Suitability:

- Manufacturers of CTs, PTs, Transformers, GIS for their production facilities or field acceptance;
- Power Grids, accept their instruments at factories;
- Electrical contractors for CT/PT test.

## | Wide Application:

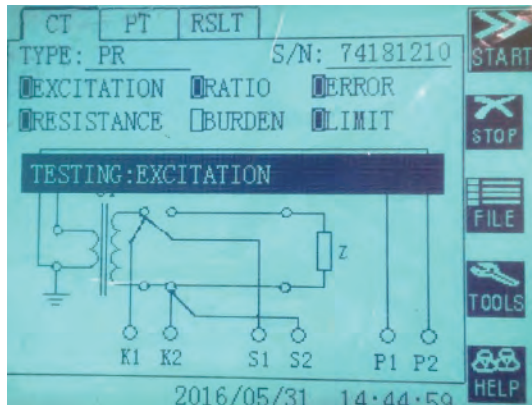
Protective CTs and PTs;  
Measuring CTs, includes 10  
options-IEC(IEC-60044-1),R-ANSI(C57.13),  
TPY(IEC-60044-6),  
M-IEC(IEC-60044-1),M-ANSI(C57.13),  
PR(IEC-60044-1), PX(IEC-60044-1), TPS(IEC-60044-6),  
TPX(IEC-60044-6) and TPZ(IEC-60044-6)

## | Wide Range of Measurements:

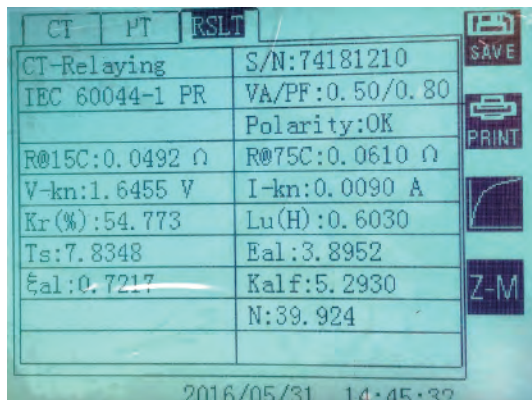
- CT/PT Excitation Curve;
- CT/PT Ratio & Turns Ratios;
- CT/PT Phase and Polarity Check;
- CT/PT ratio error and phase error;
- CT/PT Secondary Winding Resistance Measurement;
- CT Secondary Burden and Impedance Measurement.

## Technical Features:

- Automatic Assessment according to IEC60044-1,IEC60044-6, IEEE57.13;
- The Max.knee voltage on CT test up to 60KV;
- Automatically give CT, VT parameters, including knee point voltage / current, 10% error curve, the accuracy limit factor (ALF), instrument security factor (FS), the second time constant (Ts), remanence coefficient (Kr), saturated and unsaturated inductance etc.
- Easy Operation: Easy connection; English graphic interface Guide; Test Results Display and Printing;
- Memory of 1000 sets of test data. After test ended, the data can be copied to PC by USB disk for analysis and WORD report.



Basic CT Setting Interface



CT Test Results

## Technical Specifications:

### Power supply:

AC220V±10%, 50Hz/60Hz

### Output:

0~180Vrms; 12Arms,36A(Peak Value);

Accuracy: ±0.1%

### Power output:

300VA

### Maximum knee voltage:

60KV

### CT Ratio Range:

1-40000, Accuracy: ±0.05%

### PT Ratio Range:

1-40000, Accuracy: ±0.05%

### Phase Range:

± 2 min, accuracy:0.5min

### Secondary Winding Resistance Range:

0~300Ω,accuracy:0.2%±2mΩ

### Secondary Burden Range:

0~1000VA,accuracy:0.2%±0.02VA

### Environmental Condition:

-10℃~50℃,Humidity≤90%

### Dimensions & Weight:

365mm×290mm×153mm, 10Kg