

# INSTRUMENT TRANSFORMER TEST SET



**AMBER iXR-2000<sup>HT</sup>**  
Description

## Features

- Complete Microprocessor Control
- Automatic Null adjustment
- CT/PT Test
- Manual & Automatic ranging
- RS-232 & Parallel port Printer interface
- Parameter entry through keyboard
- Class of Accuracy : IEC, IS, ANSI, AS, BS, IEC-S, IS-S, AS-S, IEC-P, IS-P, AS-P, BS-P, IEC-PR, IS-PR, AS-PR, AS-L, AS-M, AS-ME
- Burden, PF & Impedance Measurement
- Automatic Save & Print
- Alarm Indicator, Data Holding Facility
- Automatic updating of Date & Time
- USB (Pen drive) interface

## Specification

<b>Current</b>	: 5A & 1A Nominal
Normal operation	: 0.5A-10A & 0.1A-2A
Extended Operation	: 0.05A-10A & 0.01A-2A <b>: 0.05A-20A &amp; 0.01A-4A*</b>
Consumption	: 0.5VA @ 5A & 0.1VA @ 1A
<b>Voltage</b>	: 120V Nominal
Normal operation	: 30V - 200V
Extended Operation	: 1.2V - 240V <b>: 1.2V - 480V*</b>
Consumption	: 0.1VA @ 120V
<b>Burden &amp; PF</b>	: $\pm 1\%$ Accuracy
Current	: 0VA - 80VA & 0 - $\pm 1.0$ PF
Voltage	: 0VA - 400VA & 0 - $\pm 1.0$ PF
<b>Impedance</b>	: CT - 0 $\Omega$ - 80 $\Omega$ : PT - 10 $\Omega$ - 12K $\Omega$
<b>Frequency</b>	: 48Hz to 62Hz
<b>Measuring time</b>	: Instant Reading
<b>Power</b>	: 90V to 270V, 50/60Hz, 40VA
<b>Temperature</b>	: Upto 45°C
<b>Humidity</b>	: 0 to 95 RH
<b>Dimensions</b>	: 19" x 15" x 6" / 19" Rack mounting
<b>Weight</b>	: 12Kgs (approx)
<b>Accuracy</b>	: Ratio Error in % and Phase Error in CR/Min

### Range

- 20% ( $\pm 19.99\%$ ) &  $\pm 19.99$ CR or  $\pm 680$  minutes  
2% ( $\pm 1.999\%$ ) &  $\pm 1.999$ CR or  $\pm 68.0$  minutes  
0.2% ( $\pm 1999$ ppm) &  $\pm 1999\mu$ R or  $\pm 6.80$  minutes

### Normal Operation

- $\pm 0.5\%$  RDG  $\pm 0.04$   
 $\pm 0.5\%$  RDG  $\pm 0.004$   
 $\pm 0.5\%$  RDG  $\pm 10$

### Extended Operation

- $\pm 1\%$  RDG  $\pm 0.10$   
 $\pm 1\%$  RDG  $\pm 0.010$   
 $\pm 1\%$  RDG  $\pm 20$

Note: \* As per Customer Request.

Specifications may change without notice due to continuous development.

### Note:

Can be supplied the following Models:

Current Transformer Test Set(AMBER cXR-2000<sup>HT</sup>)  
Potential Transformer Test Set(AMBER pXR-2000<sup>HT</sup>)

An ISO 9001 : 2015 Certified Company

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