

## C-3 DC resistance test instrument -YR type

### Introduction

YR type DC resistance test instrument is applicable to measure the DC resistance of power and distribution transformers, current transformers with high resistance values.

### Features

- 1) Fast charging speed, charging voltage upto 30V;
- 2) Demagnetization function, reduce the remanent magnetization to prevent the difficulty of power on;
- 3) USB port to download the test data to USD flash disk;
- 4) 485 communication port to communicate with the computer;
- 5) Protection if the tester is connected with 380V AC power supply;
- 6) Discharge alarming;



### Technical Parameters

Model	YR-20C	YR-40C	YR-50C
Application	Transformers up to 240MVA	All transformers	All transformers
Output Current	20A,10A,3A,1A,15mA	40A, 20A,10A, 3A,1A,15mA	50A, 40A, 20A,10A, 3A,1A,15mA
Range	0~20kΩ	0~20kΩ	0~20kΩ
Accuracy	0.2% readings ±0.2μΩ	0.2% readings ±0.1μΩ	0.2% readings ±0.1μΩ
Resolution	0.1μΩ	0.01μΩ	0.01μΩ
Output Voltage	DC30V		
Input Power Supply	AC220V±10%,50Hz±1Hz, DC12~24V/5A		
Deimension	420m(L)*320mm(W)*200mm (H)		
Net Weight	12kgs		

## C-4 Transformer Resistance Test Instrument-YRD/YRE type

### Introduction

YRD and YRE type transformer resistance test instrument is applicable to measure the DC resistance of power and distribution transformers, current transformers upto 240MVA. It can also be used during temperature rise test.

### Features

- 1) 2 channels to measure the resistances simultaneously;
- 2) Constant current technology;
- 3) Color touch panel with easy operation;
- 4) Interval time of 10s,30s and 60s for selection during temperature rise test;
- 5) Automatically save and print the test data within the set timing;
- 6) With temperature rise software to handle the test data;
- 7) USB port to download the test data to USD flash disk for the temperature rise curve;
- 8) 485 communication port to communicate with the computer;
- 9) Protection if the tester is connected with 380V AC power supply;
- 10) Discharge alarming;

### Technical Parameters of YRD

Model	YR-20D	YR-40D
Output Current	20A,10A,3A,1A,0.3A	40A,20A,10A,3A,1A,0.3A
Range	0~130Ω	0~130Ω
Accuracy	0.2% readings ±0.2μΩ	0.2% readings ±0.2μΩ
Resolution	0.1μΩ	0.01μΩ
Output Voltage	DC50V	
Input Power Supply	AC220V±10%,50Hz±1Hz, DC12~24V/5A	
Deimension	410m(L)*440mm(W)*210mm (H)	
Net Weight	15.8kgs	

YR-20D



YR-40E



### Technical Parameters of YRE

Model	YR-20E	YR-40E
Output Current	20A,10A,3A,1A,0.3A,25mA	40A,20A,10A,3A,1A,0.3A,25mA
Range	0~40kΩ	0~40kΩ
Accuracy	0.2% readings ±0.2μΩ	0.2% readings ±0.2μΩ
Resolution	0.1μΩ	0.01μΩ
Output Voltage	DC50V	
Input Power Supply	AC220V±10%,50Hz±1Hz, DC12~24V/5A	
Deimension	4145m(L)*370mm(W)*210mm (H)	
Net Weight	15.8kgs	
Deimension	reduce the remanent magnetization to prevent the difficulty of power on;	

## C-5 DC Resistance Meter-YR-20W type

### Introduction

YR-20W type DC resistance meter is applicable to measure the DC resistance of power and distribution transformers, current transformers upto 35kV. It can also be used during temperature rise test. It is especially designed for the transformers whose resistances of HV winding and LV windings have a big difference.



### Features

- 1) Interval time of 10s,30s and 60s for selection during temperature rise test;
- 2) Double power with constant current;
- 3) Color touch panel with easy operation;
- 4) Test the LV winding, HV winding at the same time or seperately;
- 5) With temperature rise software to handle the test data;
- 6) USB port to download the test data to USD flash disk for the temperature rise curve;
- 7) 485 communication port to communicate with the computer;
- 8) Protection if the tester is connected with 380V AC power supply;
- 9) Discharge alarming;

### Technical Parameters of YR-20W

Display Digits	4.5 digits	
Output Current	HV side: CH1,5A,1A,0.1A,10mA	LV side: CH2, 20A,10A,5A,2A
Range	0~2kΩ	0~2Ω
Accuracy	0.2% readings ±1μΩ	0.2% readings ±0.2μΩ
Output Voltage	DC20V	DC4V
Resolution	0.1μΩ	
Output Voltage	DC50V	
Input Power Supply	AC220V±10%,50Hz±1Hz	
Deimension	410m(L)*440mm(W)*210mm (H)	
Net Weight	15.8kgs	