

# RE330F TECHNICAL SPECIFICATION

Environmental temperature: 23°C±5°C

Relative humidity: <80%

Accuracy: ± (a% reading + b digit)

## 1. Dc Voltages

Range	Accuracy	Resolution
400mV	±(0.5% rdg + 1 digits)	0.1mV
4V		1mV
40V		10mV
400V		100mV
600V		1V

Input impedance: ≥10MΩ

Overload protection: 600V( AC or DC)

## 2. Ac Voltages

Range	Accuracy	Resolution
4V	±(1.0% rdg + 2 digits)	1mV
40V		10mV
400V		100mV
600V		1V

Input impedance: ≥10MΩ

Overload protection: 600V( AC or DC)

Frequency range: 40-500Hz

Display : RMS of sine wave value (Average value)

## 3. Resistance

Range	Accuracy	Resolution
400 Ω	±(1.0% rdg + 2 digits)	0.1 Ω
4kΩ		1 Ω
40kΩ		10 Ω
400kΩ		100 Ω
4MΩ		1kΩ
40MΩ	±(1.2% rdg + 2 digits)	10kΩ

Overload protection: 250V( AC or DC)

Open circuit voltage : approx 0.2V

## 4. Dc current

Range	Accuracy	Resolution
40mA	±(1.5% rdg + 2 digits)	10uA
400mA		100uA
4A		1mA
10A	±(1.8% rdg + 3 digits)	10mA

Overload protection: 0.5A/250V fuse in mA range ;10A/250V fuse in 10A range

## 5. Ac current

Range	Accuracy	Resolution
40mA	±(1.5% rdg + 2 digits)	10uA
400mA		100uA
4A		1mA
10A	±(1.8% rdg + 3 digits)	10mA

Overload protection: 0.5A/250V fuse in mA range ;10A/250V fuse in 10A range

Frequency range: 40-500Hz

Display : RMS of sine wave value (Average value)

## 6. Capacitance

Range	Accuracy	Resolution
4nF	±(5.0% rdg + 10 digits)	1pF
40nF	±(3.5% rdg + 5 digits)	10pF
400nF		100pF

4uF		1nF
40uF		10nF
100uF	$\pm(4\% \text{ rdg} + 1 \text{ digits})$	100nF

Overload protection: 250V( AC or DC)

## 7, Frequency

Range	Accuracy	Resolution
10Hz	$\pm(0.1\% \text{ rdg} + 5 \text{ digits})$	0.001Hz
100Hz		0.01Hz
1kHz		0.1Hz
10kHz		1Hz
100kHz		10Hz
1MHz		100Hz
10MHz		1KHz

Overload protection: 250V( AC or DC)

Duty cycle measurement

## 8, Diode and Audible Continuity Measurement

Range	Description	Test voltage
DIODE	Test forward voltage of diode	1.5V
CONTINUITY	<60 ohm built-in buzzer sounds	0.4V

Overload protection: 250V( AC or DC)

## 9, Transistor Measurement

- ※ Display : 3 3/4 digit LCD
- ※ Auto Range Function
- ※ Auto Power Off Function( 15 minutes)
- ※ Hold Function
- ※ Relative Value Test
- ※ Battery: 1.5 X 2 pcs (size: AAA)