

# Panel Meter: Voltmeter & Ammeter



## CYT AC Ammeters

Model: CYT-80 CYT-60 CYT-50 CYT-680 CYT-780 CYT-100 CYT-560  
CYT-670 AC Ammeters

Accuracy: Class 1.5

Specification: 0.1A 0.5A 1A 3A 5A 7.5A 10A 15A 20A 25A 30A 40A 50A 60A  
For 10A-10KA, use external current transformer with secondary current 5A  
connected directly with current from 20A to 60A, the class is 2.5.

Changeable scale: The dial plate with different scale, which is at the same  
division and internal value, can be changeable.

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## CYT AC Voltmeters



Model: CYT-80 CYT-60 CYT-50 CYT-680 CYT-780 CYT-100 CYT-560  
CYT-670 AC Voltmeters

Accuracy: Class 1.5

Specification: 30V 50V 75V 100V 120V 150V 250V 400V 450V 500V 600V  
For 450V-450KV, meters can potential transformer with secondary voltage 100V.

Heat resistance: case of non-combustible plastic material.

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### DC Volmeters



Model: CYT-80 CYT-60 CYT-50 CYT-680 CYT-780 CYT-100 CYT-560  
CYT-670 DC Volmeters

Accuracy: Class 1.5

Specification: 20V 30V 50V 100V 150V 200V 250V 300V 450V 500V 600V can  
be connected directly.

Measuring ranges over 450V with external resistor (rated current 5mA)

Heat resistance: case of non-combustible plastic material.

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### DC Ammeters



Model: CYT-80 CYT-60 CYT-50 CYT-680 CYT-780 CYT-100 CYT-560  
CYT-670 DC Ammeters

Accuracy: Class 1.5

Specification: 100 $\mu$ A, 1mA, 3mA, 5mA, 10mA, 20mA, 250mA, 300mA, 500mA, 1A, 3A, 5A, 7.5A, 10A, 20A, 30A, 40A, 60A

For 10A-10KA, use external 75mA 60mA 45mV shunt.

The accuracy of the direct reading meter from 20A to 60A is class 2.5.

Changeable scale: The dial plate with different scale, which is at the same division and internal value, can be changeable.

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### Frequency Meters



Model: CYT-80 CYT-60 CYT-50 CYT-680 CYT-780 CYT-100 CYT-560  
CYT-670 Frequency Meters

Accuracy: Class 1.0

Specification:

Voltmeter: 100V 220V 380V 440V

Frequency: 45-55Hz 45-65Hz 54-66Hz 350-450Hz 450-550Hz 550-650Hz

Heat resistance: case of non-combustible

Plastic material.

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### Power Factor Meter



Mode: CYT-80 CYT-60 CYT-50 CYT-680 CYT-780 CYT-100 CYT-560  
CYT-670 Power Factor Meter

Accuracy: Class 2.5

Specification: 100V 220V 380V 440V current: 5A

Three phase: 100V 220V 380V 440V current: 5A

Specification: 0.5cap-1-0.5ind 0.3cap-1-0.7ind

0.4cap-1-0.4ind 0.7cap-1-0.2ind

Frequency: 50Hz or 60Hz

Heat resistance: case of non-combustible plastic material.

With external converter, which size is 48mm×48mm

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### CYT Panel Meter



Other name: Moving Coil Instrument Power Meters / (Wattmeter) Model:  
CYT-W80 SFT-60 CYT-670 Ammeters

Accuracy: Class 1.5

Specification:

Voltage: Single phase: 100V 220V 380V

Three phase three wire: 100V 220V 380V 415V

Three phase three wire: 100V 220V(380)V240(415)V

Above-mentioned can be connected directly. The following should be  
connected with voltage transformers: 380/100V 500/100V 3K/100V 6K/100V  
10K/100V 15K/100V 35K/100...

Current: 1A, 5A

The voltage circuits of the meter connected with voltage transformers. Which  
secondary voltage is 100V. The current circuits connected with current  
transformers, which secondary current is 5A or 1A. Wattmeters and Varmeters  
with converter for three-phase three wires or four wire and single phase, which  
can be used for the balance and unbalance burden circuit.

Heat resistance: Case of non-combustible plastic material.

Fastening: By means of nuts, absolutely safe, fast, robust, side-by-side

External converter with size: 72mm×87.2mm×65mm