

Analog Meter Portable Meter





Chint has a total assets of over USD 5 billion and 29,000 employees. Business of Chint ranges from low-voltage electrical products to power transmission and distribution equipments and services , instruments & meters, building appliances, automobile parts, industrial automation, PV power generation, equipment manufacturing, etc. Chint is also the largest clean energy supplier and energy efficiency management solution provider with the most complete product ranges in China. Our products have found ready markets in more than 100 countries and regions, including Europe, Asia, Middle East, Africa, etc.

Rooted in China, Served in Global World

3 Global Development Center: Prague, Los Angeles and Shanghai

6 International Marketing Area: Aisa-Pacific, Europe, South America, North America and China

7 Manufacturing Base: Wenzhou, Hangzhou, Shanghai, Xianyang, Jiuquan, Cairo, Frankfurt

18 Logistics Centre:

Foreign—Los Angeles, St.Paul, Prague, Madrid, Moscow

17 Marketing Office:

300 Brand Flagship Stores

1000 Sales Companies





To be one of the core industries of CHINT Group, CHINT Instrument & Meter Co., Ltd. was established in 1998, being a national high-tech enterprise with a collection of scientific research, production and sales and nationally leading professional supplier for energy management, power consumption management, power monitoring, electrical safety, temperature measurement and control systemic solutions and equipment, with the registered capital of eighty-one million yuan, output value of more than fifty million yuan in 2016 and currently more than two hundred employees. The company has a skilled and experienced R&D team and 10% of the annual revenue will be used for technological innovation and R & D investment, which has established joint R & D relationship with the domestic main industrial design institutions, scientific research institutions, etc. It has product performance laboratories with relatively high level of technology and complete function, to conduct full performance test validation for the newly developed products. The company provides highly efficient and convenient products and technical services for power, new energy, petrochemical, rail transportation, communications, manufacturing, construction, and other industries through global marketing network. All kinds of products are widely applied into a large number of domestic key projects including National Grid, China Southern Power Grid, China General Nuclear Power, CSR Mechatronics, China Telecom, etc. to be exported to more than seventy countries and regions such as America, Brazil, Britain, etc. obtaining recognition from the global users based on the advanced technology, reliable quality and qualified services. No limitation for development and no limitation for innovation. The company is committed to be a first-class supplier for energy measurement & control equipment, systems and solutions!



Transportation and shipping area



Aeronautics and astronautics area



Teaching scientific research area



Series of electrical controlled equipment area

Catalogue

Pointer analog meter



NP48, NP72, NP80B, NP96 Series
Pointer analog meter
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42,6 Series
Pointer analog meter
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44,59 Series
Pointer analog meter
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62T Series
Pointer analog meter
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NP96-MD/2MD-A
NP72-MD/2MD-A
Maximum demand meter
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Attachment

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Transportation and shipping area



Aeronautics and astronautics area



Teaching scientific research area



Series of electrical controlled equipment area

Catalogue

Portable meter



MY96 Digital multimeter

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MY95 Digital multimeter

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MY80 Digital multimeter

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MY60/64 Digital multimeter

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NS2203 Three phase clamp power meter

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N266 Digital clamp meter

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MY61D Digital multimeter

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NS62C, NS63E Digital clamp meter

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NS2001 Digital clamp meter

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NAS830B, NAS838 Portable digital multi-meter

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MF47 Pointer multimeter

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MF667-2 Pointer multimeter

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MY63C AC Voltage tester

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MY35F Digital multimeter

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MY34F Digital multimeter

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NS33F Digital clamp meter

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NS32A Digital clamp meter

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Transportation and shipping area



Aeronautics and astronautics area



Teaching scientific research area



Series of electrical controlled equipment area

Brief Introduction



Main structure and features

Pointer analog meter is suitable for measuring the electrical parameter, including current, voltage, power, frequency and power factor in the DC electrical circuit and AC electrical circuit, which directly affected into the analogue indicating electrical measuring device. With the advantages of the direct indication of the variation trend of the measured electrical quantity and convenient reading, it is mainly applied into the electrical equipment of industrial and mining area, new energy area, petrochemical area, transportation and shipping area, aeronautics and astronautics area and power transmission and distribution area, featured with simple construction, easy installation, clean printing, aesthetic and generous outlook and wide vision.

Main technical parameter

Assembly Position:

The instrument is suitable for vertically mounted, it is permitted to incline $\pm 5^\circ$, unless specified.

Overshoot and damping time:

Overshoot usually means the instrument with deflection angle less than 180° , and the overshoot not exceed the 20% of the scale length. For other instruments, not exceed 25%. Damping time $\leq 4s$, means measurement for the final indication of the indication device at the 2/3 of the scale forced by sudden power and the deviated final static location of the indication device not exceed 1.5% of the scale at any time after the 4s.

Storage temperature range: $-40^\circ\text{C} \sim +70^\circ\text{C}$

Working environment:

The reference ambient temperature is $23^\circ\text{C} \pm 2^\circ\text{C}$ and the relative humidity is 25%~85%.

The working environment temperature is $-20^\circ\text{C} \sim +40^\circ\text{C}$ and the relative humidity is not exceeding 95%, and no breakdown if there is no ash and corrosive gas in the air.

AC voltage test:

No electrical breakdown and flash over after frequency of 50Hz sine wave alternative voltage of 2kV lasted 1 min.

Isolation strength: $>5\text{M}\Omega/\text{DC}500\text{V}$

Zero adjusting device:

Except for the non mechanism zero-reading instrument, all of other instruments are equipped with front zero adjusting device, used for adjusting the mechanism zero settings for the instrument.

Overload current meter:

The overload multiples normally is one and two times, and we can provide special offer for 1.2 times, 2 times, 3 times, 4 times, 5 times and 6 times overload according to user's need. Its function is to indicate the short-time general value of the current $>$ rated current, to protect the instrument, for instance, the start current when the electro motor starts.

Main structure and features

NP48, NP72, NP80B, NP96 series square instrument is electronic magnetic type, adopting rejecting structure. The instrument consists of measuring mechanism, and indication device, with fire-proof type cover, ABS constructure plastic, safe measuring terminal, high-efficient wiring mode. Besides, it also adopts printed dia plate and crystal glass cover, making it overallly aesthetic, generous and extensive outlook

Main technical parameter

Item	Specification	Measuring Range	Accuracy Grade
DC Volt meter	NP 48-V	1V~750V(direct connect), 450V~450kV/1mA or 5mA (via valued resistor)	Class 1.5
	NP 72-V		
	NP 80B-V		
	NP 96-V		
DC Current meter	NP 48-A	50 μ A~20A(direct connect) 20A~10kA/60mV /75mV (via current transformer)	Class 1.5
	NP 72-A		
	NP 80B-A		
	NP 96-A		
AC Volt meter	NP 48-V	15V~600V(direct connect) , 450V~450kV/100V (via voltage transformer)	Class 1.5
	NP 72-V		
	NP 80B-V		
	NP 96-V		
AC Current meter	NP 48-A	1A~100A direct connect) 5A~10kA/5A or 1A	Class 1.5
	NP 72-A		
	NP 80B-A		
	NP 96-A		
Frequency meter	NP 48-Hz	45~55Hz,45~65Hz,55~65Hz, Rated voltage 100V 220V 380V	Class 1.0
	NP 72-Hz		
	NP 80B-Hz		
	NP 96-Hz		
Power meter	NP 48-W/var	100V,220V,380V(direct connect) 380V~380kV/100V (via voltage transformer)	Class 2.5
	NP 72-W/var		
	NP 80B-W/var		
	NP 96-W/var		
Power factor meter	NP 48-cos ϕ	0.5C~1~0.5L 100V 5A,220V 5A,380V 5A	Class 2.5
	NP 72-cos ϕ		
	NP 80B-cos ϕ		
	NP 96-cos ϕ		

Note: NP48 is Class 2.5, while for NP72, NP80B and NP96 current meter: above 30A: Class 2.5; below 30A and *5A: Class 1.5

NP48, NP72, NP80B, NP96 Series Pointer analog meter

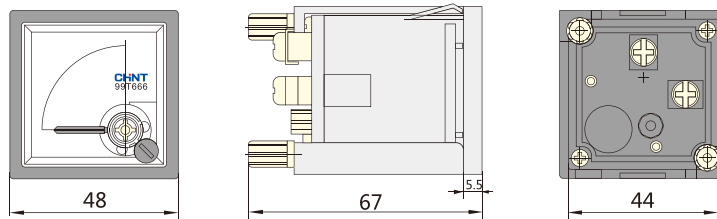


NP48, NP72,
NP80B, NP96 Series
Pointer analog meter



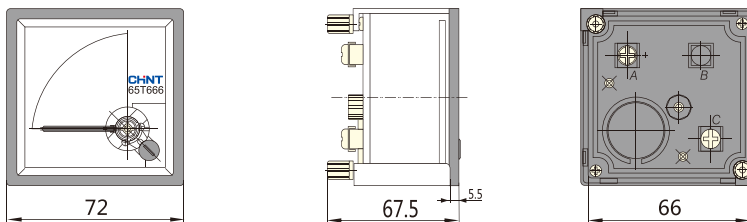
NP48 series outline size diagram

unit : mm



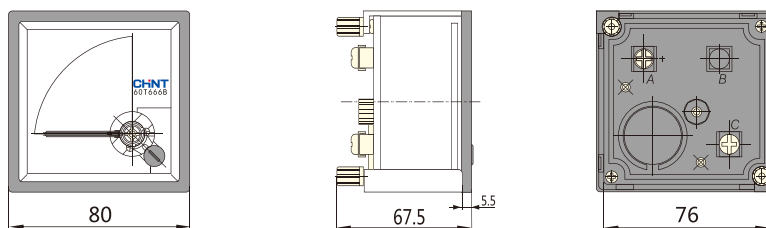
NP72 series outline size diagram

unit : mm



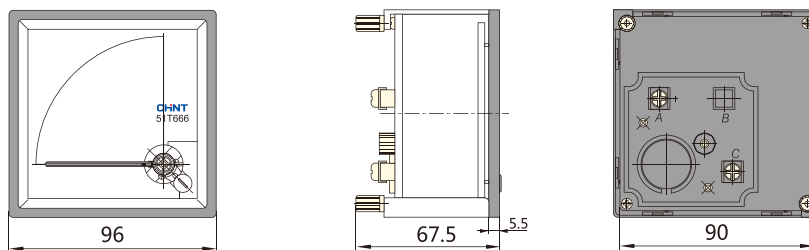
NP80B series outline size diagram

unit : mm



NP96 series outline size diagram

unit : mm

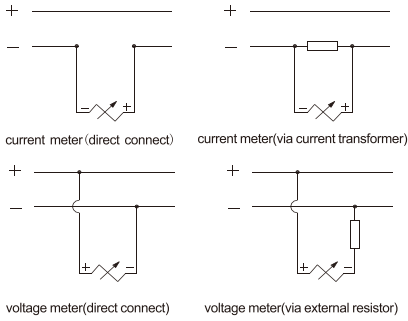


Model No.	Outline size	Hole size (L×H)
NP 48 NP 48-DC NP 48-W/var /Hz/cosφ	48×67×48	45×45
NP72 NP72-DC NP72-Hz/cosφ	72×67.5×72	68×68
NP80B NP80B-DC NP80B-W/var /Hz/cosφ	80×67.5×80	76×76
NP96 NP96-DC NP96-W/var/cosφ	96×67.5×96	92×92

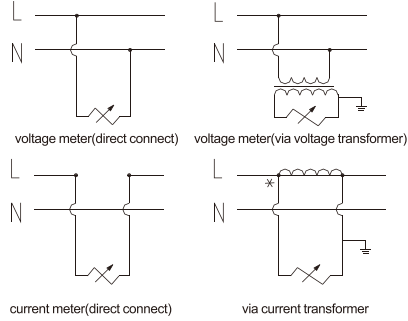
Note: The outline size for NP72-W/var: 72×72×108.5

Wiring mode

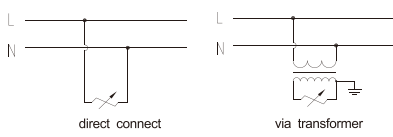
◆ (NP48, NP72, NP80B, NP96)-A.V wiring diagram



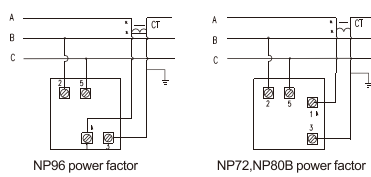
◆ (NP48, NP72, NP80B, NP96)-A.V wiring diagram



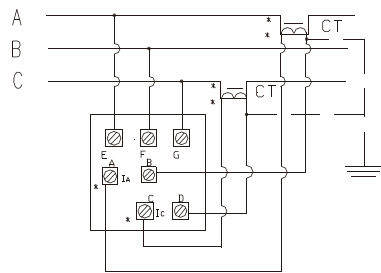
◆ (NP48, NP72, NP80B, NP96)-Hz wiring diagram



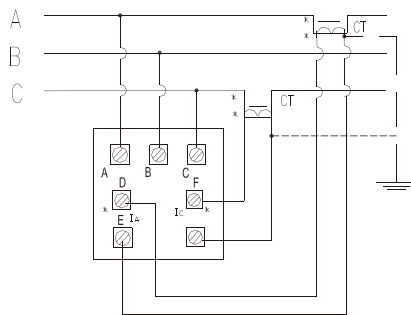
◆ (NP72, NP80B, NP96) power factor wiring diagram



◆ NP96 three phase power meter wiring diagram



◆ NP72, NP80B three phase power meter wiring diagram



NP48, NP72,
NP80B, NP96 Series
Pointer analog meter



42,6 Series Pointer analog meter



Main structure and features

42L6,6L2 series instrument consists of measuring circuit, measuring mechanism and indicating device, adopting magneto electric type inner magnetic mechanism with fireproof cover, printed dial plate and crystal glass cover, which makes it aesthetic, generous and extensive outlook.

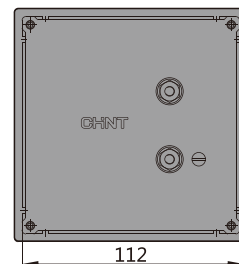
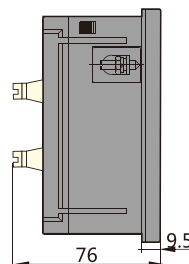
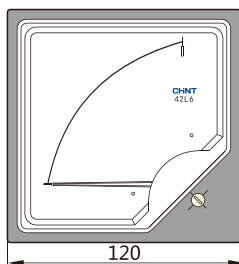
Main technical parameter

Input mode	Type
AC	Voltage meter, current meter, active power meter, reactive power meter, frequency meter, power factor meter
DC	Voltage meter, current meter

Item	Specification	Measuring Range	Accuracy Grade
DC Volt meter	42C3-V 6C2-V	1V~750V(direct connect) 450V~450kV/1mA or 5mA	Class 1.5
DC Current meter	42C3-A 6C2-A	50μA~20A(direct) 20A~10kA/75mV or 60mV (via external current transformer)	Class 1.5
AC Volt meter	42L6-V 6L2-V	15V~600V (direct connect) , 380V~450kV /100V (via voltage transformer)	Class 1.5
AC Current meter	42L6-A 6L2-A	0.1A~50A direct connect) 5A~10kA/5A or 1A	Class 1.5
Frequency meter	42L6-Hz 6L2-Hz	45~55Hz,45~65Hz,55~65Hz, Rated voltage 100V 220V 380V	Class 1.0
Power feter	42L6-W/var 6L2-W/var	100V,220V,380V,380V~380kV/100V 5A, 5A~10kA/5A	Class 2.5
Power factor Meter	42L6-cosφ 6L2-cosφ	0.5C~1~0.5L 100V/5A, 220V/5A, 380V/5A	Class 2.5

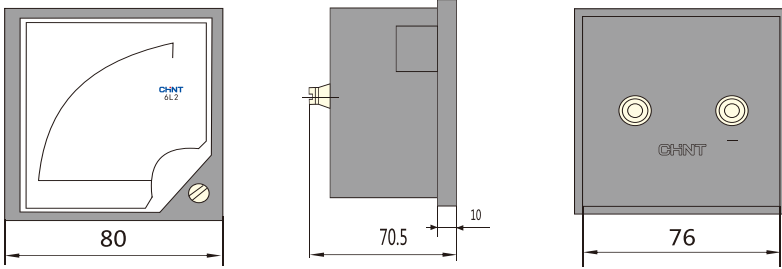
42L6,42C3 outline size diagram

unit : mm



6L2, 6C2 outline size diagram

unit : mm



42,6 Series Pointer analog meter



Model No.

Outline size

Hole size (L×H)

42L6
42C3

120×120×76

116×116

6L2
6C2

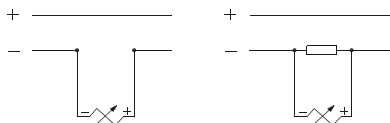
80×80×70.5

77×77

Note : 6L2-W/var outline size:80×80×103,6L2-cosφoutline size:80×80×85,
42L6-W/var outline size: 120×120×88.5.

Wiring mode

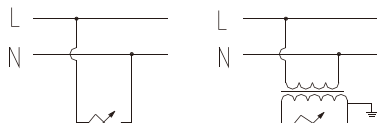
◆ 42C3-A.V, 6C2-A.V wiring diagram



current meter(direct connect)

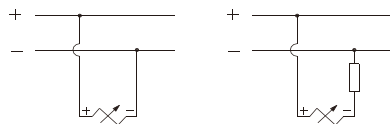
current meter(via external current transformer)

◆ 42L6-A.V, 6L2-A.V wiring diagram



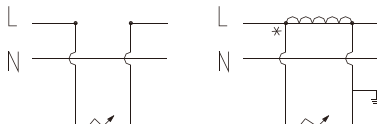
voltage meter(direct connect)

voltage meter(via external voltage transformer)



voltage meter(direct connect)

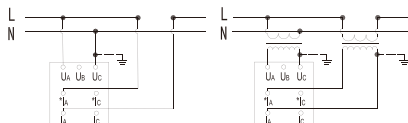
voltage meter(via rated resistor)



current meter(direct connect)

via current transformer

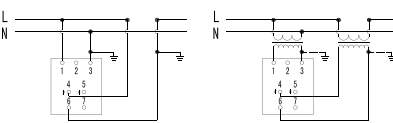
◆ 6L2 single phase power meter wiring diagram



direct connect

via voltage,current transformer

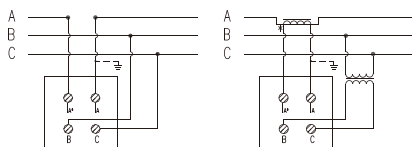
◆ 42L6 single phase power meter wiring diagram



direct connect

via voltage,current transformer

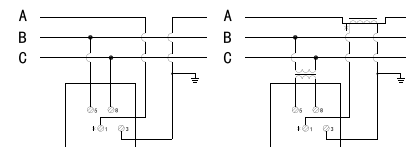
◆ 6L2 power factor meter wiring diagram



direct connect

via voltage,current transformer

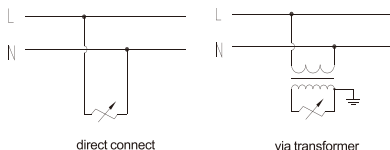
◆ 42L6 power factor meter wiring diagram



direct connect

via voltage,current transformer

◆ 6L2-Hz, 42L6-Hz frequency meter wiring diagram



direct connect

via transformer

44,59 Series Pointer analog meter



Main structure and features

44, 59 series instrument consists of measuring circuit, measuring mechanism and indicating device, adopting magneto-electric type inner magnetic mechanism with plastic cover, crystal glass windows, and printed dial plate, which makes it aesthetic, generous and extensive outlook.

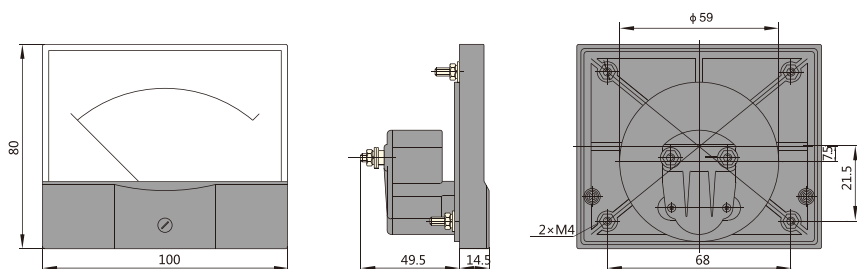
Main technical parameter

Input mode	Type
AC	Voltage meter, current meter, active power meter, reactive power meter, frequency meter, power factor meter
DC	Voltage meter, current meter

Item	Specification	Measuring range	Accuracy grade
DC Volt meter	44C2-V 59C2-V	1V~750V(direct connect), 450V~450kV/1mA or 5mA (via external valued resistor)	Class 1.5
DC Current meter	44C2-A 59C2-A	50μA~20A(direct connect) 20A~10kA/75mV or 60mV (via external current transformer)	Class 1.5
AC Volt meter	44L1-V 59L1-V	15V~600V (direct connect) , 380V~450kV /100V (via voltage transformer)	Class 1.5
AC Current meter	44L1-A 59L1-A	0.1A~50A(direct connect) 5A~10kA/5A or 1A (via current transformer)	Class 1.5
Frequency Meter	44L1-Hz 59L1-Hz	45~55Hz,45~65Hz,55~65Hz; Rated Voltage 100V 220V 380V	Class 1.0
Power meter	44L1-W/var 59L1-W/var	100V,220V,380V,380V-380kV/100V 5A,5A-10kA/5A	Class 2.5
Power factor Meter	44L1-cosφ 59L1-cosφ	0.5C~1~0.5L 100V/5A, 220V/5A,380V/5A	Class 2.5

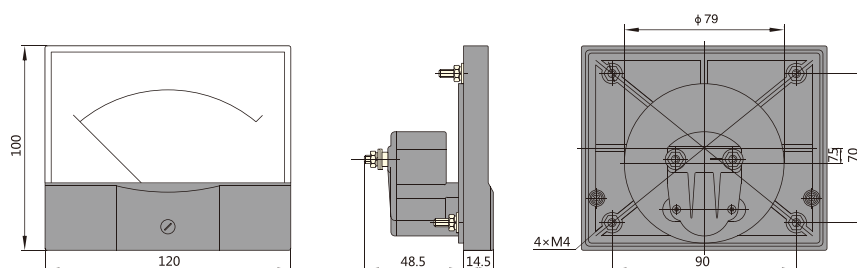
44L1,44C2 outline size diagram

unit : mm



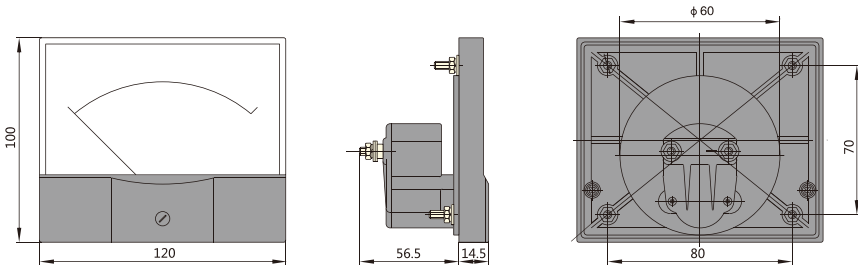
59L1,59C2 outline size diagram

unit : mm



59L1-Hz outline size diagram

unit : mm



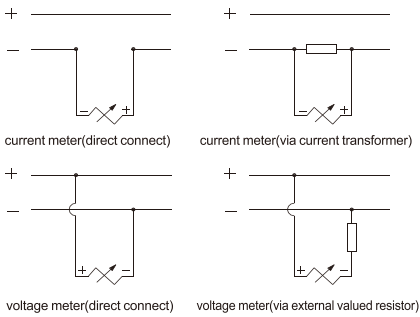
44,59 Series Pointer analog meter



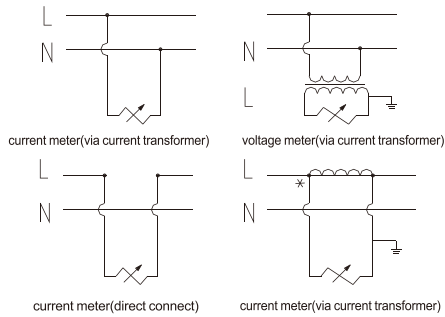
Model No.	Outline size	Hole size (round)
44L1 44C2	100×80×64	Φ59
59L1 59C2	120×100×63	Φ79
59L1-Hz	120×71×100	Φ60

Wiring mode

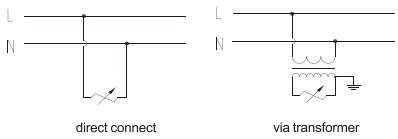
◆ 44C2-A.V ,59C2-A.V wiring diagram



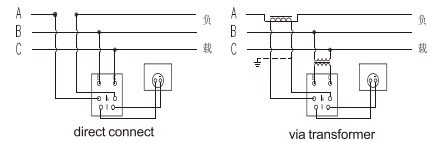
◆ 44L1-A.V ,59L1-A.V wiring diagram



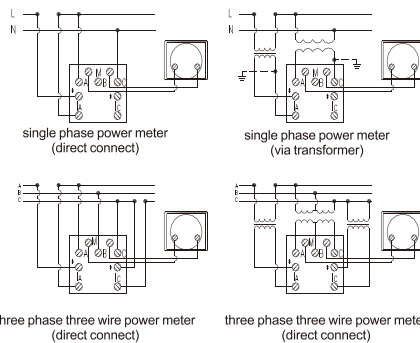
◆ 44L1-Hz ,59L1-Hz wiring diagram



◆ 44L1,59L1 power factor wiring diagram



◆ 59L1 active and reactive power meter wiring diagram



Note:power meter and power factor meter is connected via external converter.

85, 69 Series Pointer analog meter



Main structure and features

85, 69 series instrument consists of measuring circuit, measuring mechanism and indicating device, adopting magneto-electric type inner magnetic mechanism with plastic cover, crystal glasses, and printed dial plate, which makes it aesthetic, generous and extensive outlook.

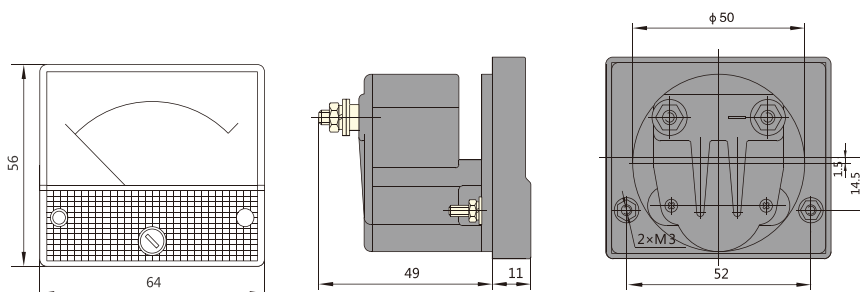
Main technical parameter

Input mode	Type
AC	Voltage meter, current meter, active power meter, reactive power meter, frequency meter, power factor meter
DC	Voltage meter, current meter

Item	Specification	Measuring Range	Accuracy Grade
DC Volt meter	85C1-V	1V~750V(direct connect)	Class 2.5
	85C17-V	450V~450kV/1mA or 5mA	
	69C9-V	(via external valued resistor)	
	69C13-V		
DC Current meter	85C1-A	50μA~20A (direct connect)	Class 2.5
	85C17-A	20A~10kA/75mV or 60mV	
	69C9-A	(via external current transformer)	
	69C13-A		
AC Volt meter	85L1-V	15V~600V (direct connect) ,	Class 2.5
	85L17-V	380V~450kV /100V	
	69L9-V	(via voltage transformer)	
	69L17-V 69L13-V		
AC Current meter	85L1-A	0.1A~50A(direct connect)	Class 2.5
	85L17-A	5A~10kA/5A or 1A	
	69L9-A	(via current transformer)	
	69L17-A 69L13-A		
Frequency meter	85L1-Hz	45~55Hz, 45~65Hz, 55~65Hz;	Class 1.0
	69L9-Hz	Rated voltage 100V 220V 380V	
	69L13-Hz		
Power meter	85L1-W/var	100V, 220V, 380V ,	Class 2.5
	69L9-W/var	380V~380kV/100V 5A, 5A~10kA/5A	
Power factor Meter	85L1-cosφ	0.5C~1~0.5L	Class 2.5
	69L9-cosφ	100V/5A, 220V/5A, 380V/5A	

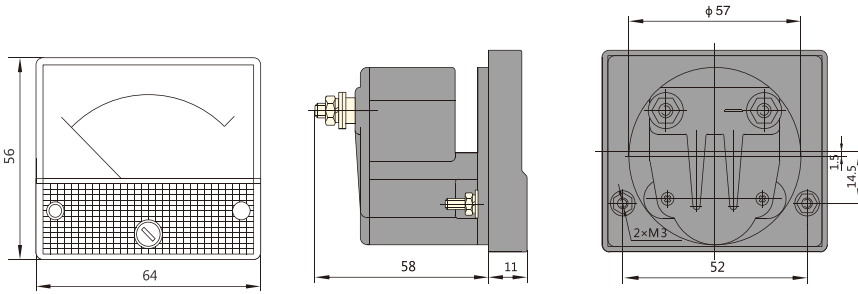
85L1, 85C1 outline size diagram

unit : mm



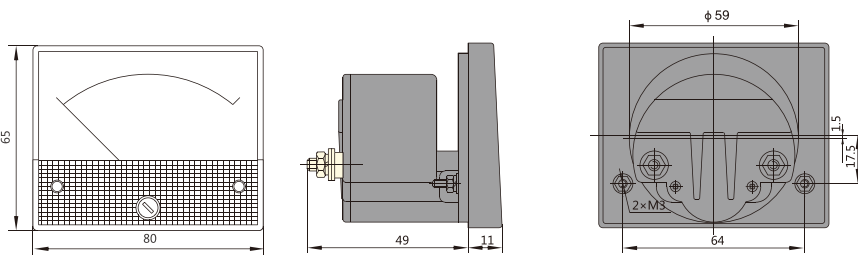
85L1-Hz outline size diagram

unit : mm



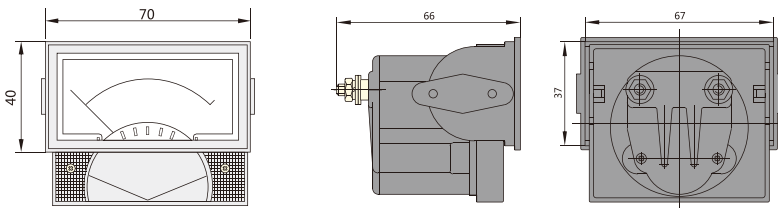
69L9,69C9 outline size diagram

unit : mm



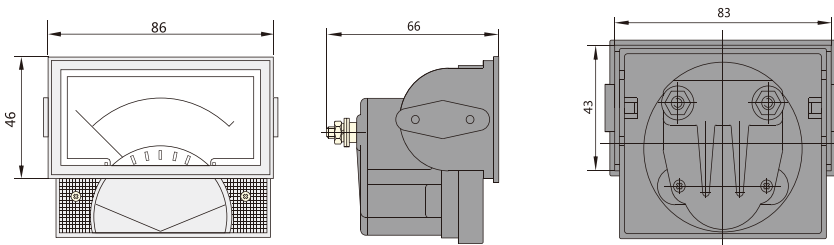
85L17,85C17 outline size diagram

unit : mm



69L17,69C17 outline size diagram

unit : mm



85, 69 Series
Pointer analog meter



Model No.

69L17
69C17

85L17
85C17

Outline Size

86×67×66

70×59×66

Hole size(L×H)

83×43

67×37

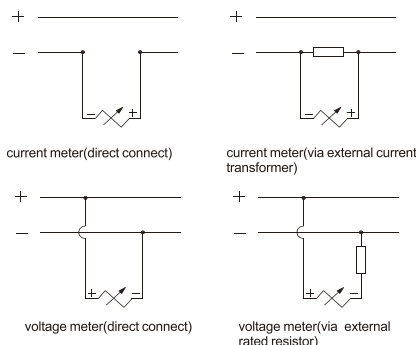
85, 69 Series Pointer analog meter



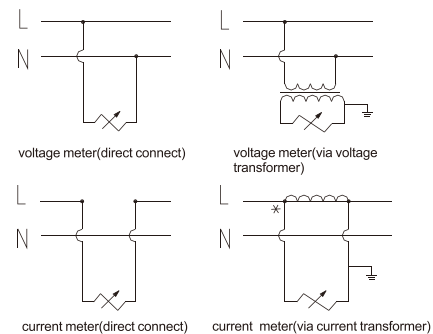
Model No.	Outline Size	Hole size(Round)
85L1 85C1	64×56×60	φ 53(Big) φ 50(Small)
85L1-Hz	64×56×69	φ 57
69L9 69C9 69L13 69C13	80×65×60	φ 59

Wiring mode

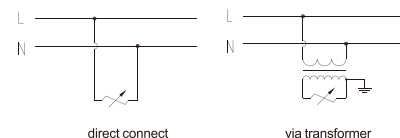
◆ 85C1-A.V ,69C9-A.V,69C1-A.V wiring diagram



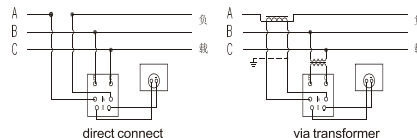
◆ 85L1-A.V ,69L9-A.V,69L1-A.V wiring diagram



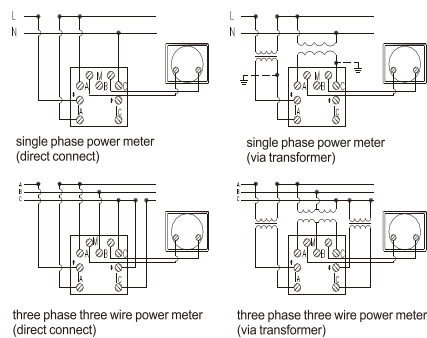
◆ 85L1-Hz ,69L9-Hz,69L13-Hz wiring diagram



◆ 85L1,69L9 power factor wiring diagram



◆ 85L1,69L9 power meter wiring diagram



Note:power meter, power factor meter is connected via external converter.

Main structure and features

62T series instrument adopts pivot axle bearing balance spring mechanism. The balance spring consists of jewel axle, pivot, while moving part consists of system, pointer coil, fire-resistant type ABS cover, adopting round shape and crystal glasses window, making it aesthetic and generous.

Main technical parameter

Input Mode	Type		
AC	Voltage meter, current meter, frequency meter		

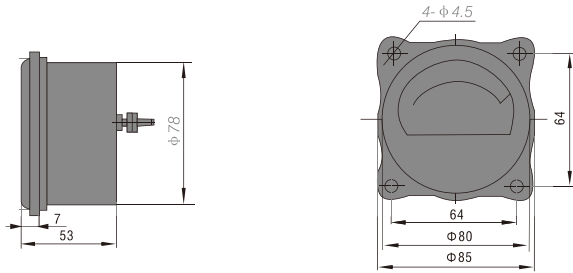
Item	Specification	Measuring Range	Accuracy Grade
AC Volt Meter	62T51-V	15V~600V(direct connect) 380V~450kV/100V (via voltage transformer)	Class 2.5
AC Current Meter	62T51-A	250mA~50A(direct connect) 5A~10kA/5Aor 1A (via current transformer)	Class 2.5
Frequency Meter	62T51-Hz	45~55Hz, 45~65Hz, 55~65Hz Rated voltage: 100V, 220V, 380V	Class 1.0

62T Series Pointer analog meter



62T51 outline size diagram

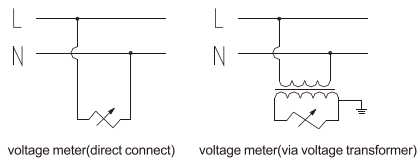
unit : mm



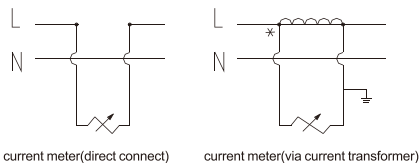
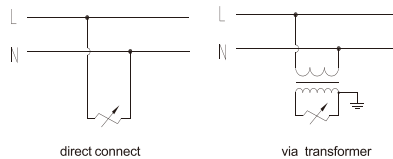
Model No.	Outline Size	Hole size(Round)
62T51	82×66×82	Φ80

Wiring mode

◆ 62T51-A.V wiring diagram



◆ 62T51-Hz wiring diagram



NP96-MD/2MD-A
NP72-MD/2MD-A
Maximum demand
meter



Main structure and features

NP96-MD/2MD-A and NP72-MD/2MD-A maximum demand meter consists of single structure demand meter and double structure demand meter. Utilizing the heat/time character of the instrument. It can record the periodical average maximum current value in the electric load. It will indicate the maximum average circuit after 8 minutes or 15 minutes, red indicator stands for the maximum demand, and the maximum value can be zero reset by zero reset button. However, this button is sealed by the electricity department to prevent zero reset without authority.

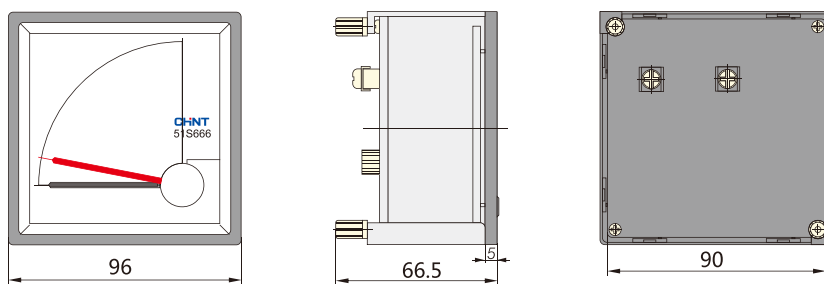
The maximum demand current meter adopts printed dial scale, crystal glasses cover, fire-proof plastic cover, making it clear, aesthetic and generous, suitable for measuring the demand periodical average maximum current value in various electric system, electric controlled users and kinds of electric equipment, to reach the goal of economization.

Main technical parameter

Model No.	NP96-MD/2MD-A NP72-MD/2MD-A
Accuracy	Class 3.0
Demand period	8 min, 15min
Current specification	1A, 5A

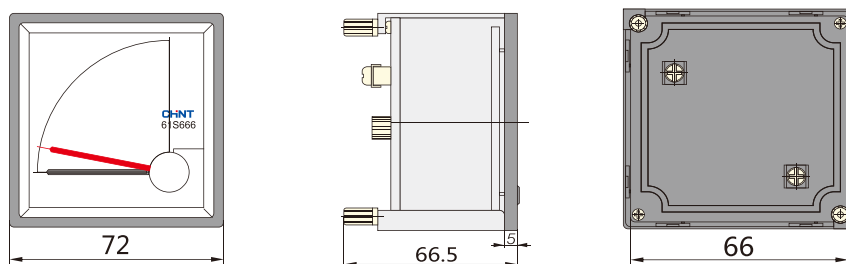
NP96-MD/2MD-A outline size diagram

unit : mm



NP72-MD/2MD-A outline size diagram

unit : mm

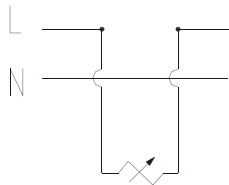


Model No.	Outline Size	Hole size
NP96-MD/2MD-A	96×96×66.5	92×92
NP72-MD/2MD-A	72×72×66.5	68×68

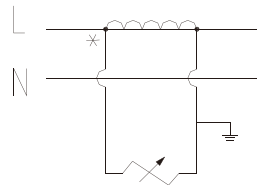


NP96-MD/2MD-A
NP72-MD/2MD-A
Maximum demand
meter

Wiring mode



direct connect



via transformer



Attachment

Order sample:

When clients place orders, please note the needed model no., specification and quantity. For meters that not specified, please write it in the blank or contact us for special offer.

For example:

Model No.: NP96	Spec: 5A	Qty:50pcs
Model No.:NP48	Spec: AC380V/100V	Qty:50pcs
Model No.: 42L6-Hz	Spec:45-65Hz, AC380V	Qty:20pcs
Model No.:42L6-W	Spec:AC380V, 400/5A (See sheet 1)	Qty:22pcs
Model No.:42L6-var	Spec: AC380V, 200/5A(See sheet 2)	Qty:22pcs
Model No.:44L1-cosφ	Spec:0.5C~1~0.5L, AC380V,5A	Qty:18pcs

Sheet 1: Active power indexing sheet

Via current transformer (current for second class is 5A)	Measuring range	Rated voltage											
		Direct connect			Via voltage transformer (voltage for second class is 100V)								
		100	220	380	3k	6k	10k	15k	35k	110k	220k	380k	
5	kW	0.8	2	3	25	50	80	120	300	1	2	3	
7.5	kW	1.2	3	5	40	80	120	200	500	1.5	3	5	
10	kW	1.5	4	6	50	100	150	250	600	2	4	6	
15	kW	2.5	6	10	80	150	250	400	1	3	6	10	
20	kW	3	8	12	100	200	300	500	1.2	4	8	12	
30	kW	5	12	20	150	300	500	800	2	6	12	20	
40	kW	6	15	25	200	400	600	1	2.5	8	15	25	
50	kW	8	20	30	300	500	800	1.2	3	10	20	30	
75	kW	12	30	50	400	800	1.2	2	5	15	30	50	
100	kW	15	40	60	500	1	1.5	2.5	6	20	40	60	
150	kW	25	60	100	800	1.5	2.5	4	10	30	60	100	
200	kW	30	80	120	1	2	3	5	12	40	80	120	
300	kW	50	120	200	1.5	3	5	8	20	60	120	200	
400	kW	60	150	250	2	4	6	10	25	80	150	250	
600	kW	100	250	400	3	6	10	15	40	120	250	400	
750	kW	120	300	500	4	8	12	20	50	150	300	500	
800	kW	120	300	500	6	8	15	20	50	150	300	500	
1k	kW	150	400	600	8	10	25	25	60	200	400	600	
1.5k	kW	250	600	1	8	15	25	40	100	300	600	1000	
2k	kW	300	800	1.2	10	20	30	50	120	400	800	1200	
3k	kW	500	1.2	2	15	30	50	80	200	600	1200	2000	
4k	kW	600	1.5	2.5	20	40	60	100	250	800	1500	2500	
5k	kW	800	2	3	25	50	80	120	300	1000	2000	3000	
6k	MW	1	2.5	4	30	60	100	150	400	1200	2500	4000	
7.5k	MW	1.2	3	5	40	80	120	200	500	1500	3000	5000	
10k	MW	1.5	4	6	50	100	150	250	600	2000	3500	6000	

Attachment

Reactive power indexing sheet

Via current transformer (current for second class is 5A)	Measuring range	Rated voltage											
		Direct connect			Via voltage transformer (voltage for second class is 100V)								
		100	220	380	3k	6k	10k	15k	35k	110k	220k	380k	
5	kvar	0.6	1.5	2.5	20	40	60	100	250	800	1.5	2.5	
7.5	kvar	1	2.5	4	30	60	100	150	400	1.2	2.5	4	
10	kvar	1.2	3	5	40	80	120	200	500	1.5	3	5	
15	kvar	2	5	8	60	120	200	300	800	2.5	5	8	
20	kvar	2.5	6	10	80	150	250	400	1	3	6	10	
30	kvar	4	10	15	120	250	400	600	1.5	5	10	15	
40	kvar	5	12	20	150	300	500	800	2	6	12	20	
50	kvar	6	15	25	200	400	600	1	2.5	8	15	25	
75	kvar	10	25	40	300	600	1	1.5	4	12	25	40	
100	kvar	12	30	50	400	800	1.2	2	5	15	30	50	
150	kvar	20	50	80	600	1.2	2	2.5	8	25	50	80	
200	kvar	25	60	100	800	1.5	2.5	4	10	30	60	100	
300	kvar	40	100	150	1.2	2.5	4	5	15	50	100	150	
400	kvar	50	120	200	1.5	3	5	8	20	60	120	200	
600	kvar	80	200	300	2.5	5	8	10	30	100	200	300	
750	kvar	100	250	400	3	6	10	15	40	120	250	400	
800	kvar	100	250	400	3	6	10	20	40	120	250	400	
1k	kvar	120	300	500	4	8	12	30	50	150	300	500	
1.5k	kvar	200	500	800	6	12	20	40	80	250	500	800	
2k	kvar	250	600	1	8	15	25	40	100	300	600	1000	
3k	kvar	400	1	1.5	12	25	40	50	150	500	1000	1500	
4k	kvar	500	1.2	2	15	30	50	80	200	600	1200	2000	
5k	kvar	600	1.5	2.5	20	40	60	100	250	800	1500	2500	
6k	kvar	800	2	3	25	50	80	120	300	1000	2000	3000	
7.5k	Mvar	1	2.5	4	30	60	100	150	400	1200	2500	4000	
10k	Mvar	1.2	3	5	40	80	120	200	500	1500	3000	5000	

Attachment: packing information for every product

Model No.	Packing Quantity	Packing Measurement	Packing Weight
6L2-A.V	60sets	440X310X275	13kg
42L6-A.V	30sets	435X390X270	12kg
NP48-A.V	100sets	360X305X225	10kg
NP72-A.V	72sets	435X315X255	17.5kg
NP80B-A.V	60 sets	440X310X275	12kg
NP96-A.V	60 sets	510X295X315	21kg
69L17-A.V	100 sets	400X360X275	15kg
44L1-A.V	60 sets	435X325X280	17.5kg
59L1-A.V	60 sets	500X345X320	12kg
85L1-A.V	100 sets	350X345X250	10kg
NP96-MD/2MD-A	60 sets	510X295X315	20kg
NP72-MD/2MD-A	72 sets	435X315X255	17kg
MY60	20 sets	590X275X235	14.5kg
N266	16 sets	480X290X270	9.8kg
MF47	20 sets	410X320X295	12.5kg
MY96/MY95	16 sets	440 × 310 × 290	10kg
MY80	24 sets	440 × 370 × 275	4.5kg
MY61D	60 sets	390 × 300 × 280	14kg
NAS830B/NAS838	20 sets	329 × 279 × 246	7.5kg
NS62C/NS63E	24 sets	484 × 285 × 230	7.5kg
NS2001	15 sets	435 × 325 × 280	8kg
NS2002	24 sets	435 × 315 × 255	7kg
MF667-2	36 sets	435 × 315 × 255	7.5kg

Remarks: unnoted unit: mm

MY96 Digital multimeter



Main structure and features

MY96 is a kind of portable and intelligent multi-functional measuring meter, featured with double indication RMS analogue bar and digital multi meter with high accuracy. With functions of large liquid crystal screen, back light, data hold, incorrect operation protection, overall function overload protection, battery under-voltage indication and USB communication software, no matter professional staff, factory, school, amateur or family users, it is a dreamed multi meter.

The instrument is set with manual and automatic range, available for parameters of AC voltage, DC voltage, AC current, DC current, frequency and duty ratio, resistance, capacity, on-off buzzer, diode, triode and temperature.

Features

Display	6000
Data hold	√
Automatic and manual range	√
Analogue bar display	√
Rms	√
Usb connection	√
Max/ min/largest-smallest	√
Diode test	√
Transistor test	√
On-off test	√
Backlight	√
Relative value measurement	√
Power supply	4×1.5V AA battery
Weight	About 580g
Size	204mm×93mm×57mm

Technical parameter

Parameter	Range	Accuracy
DC voltage	60mV/600mV/6V/60V/600V/1000V	± (0.7% + 2)
AC voltage	60mV/600mV/6V/60V/600V 750V	± (0.8% + 3) ± (1.0% + 3)
DC current	600 μ A/6000 μ A/60mA/600mA 6A/10A	± (1.2% + 3) ± (2.0% + 10)
AC current	600 μ A/6000 μ A/60mA/600mA 6A/10A	± (1.5% + 3) ± (3.0% + 10)
Resistance	600 Ω /6k Ω /60k Ω /600k Ω /6M Ω 60M Ω	± (1.2% + 5) ± (2.0% + 5)
Capacity	10nF/1000nF/10 μ F/1000 μ F/10mF	± (3.0% + 3)
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz/10MHz	± (1.0% + 5)
Duty ratio	0.1%–99%	± 3.0%
Temperature(°C/F)	-20°C~1000°C -4°F~1832°F	± (2.0% + 2°C) ± (2.0% + 2°F)

Main structure and features

MY95 is a kind of portable and intelligent and multi-functional measuring meter, combined with meters working on noise, illumination, humidity, temperature and digital. With functions of large liquid crystal screen, back-light, data hold, incorrect operation protection, overall function overload protection, battery under-voltage indication and USB communication software, no matter professional staff, factory, school, amateur or family users, it is a dreamt multi meter.

The instrument is set with manual and automatic range, available for parameters of AC voltage, DC voltage, AC current, DC current, frequency and duty ratio, resistance, capacity, on-off buzzer, diode, triode and temperature.

MY95 Digital multimeter



Features

Display	4000
Data hold	√
Automatic and manual range	√
Diode test	√
Transistor test	√
On-off test	√
Backlight	√
Relative value measurement	√
Power supply	4×1.5V AA battery
Weight	About 580g
Size	204mm×93mm×57mm

Technical parameter

Parameter	Range	Accuracy
DC voltage	400mV/4V/40V/400V/1000V	± (0.7% + 2)
AC voltage	400mV/4V/40V/400V	± (0.8% + 3)
	750V	± (1.0% + 3)
DC current	400 μ A/4000 μ A/40mA/400mA	± (1.2% + 3)
	4A/10A	± (2.0% + 10)
AC current	400 μ A/4000 μ A/40mA/400mA	± (1.5% + 3)
	4A/10A	± (3.0% + 10)
Resistance	400 Ω /4k Ω /40k Ω /400k Ω /4M Ω	± (1.2% + 5)
	40M Ω	± (2.0% + 5)
Capacity	40nF/400nF/4 μ F/40 μ F/100 μ F	± (3.0% + 3)
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz	± (2.0% + 5)
Noise	40dB~100dB	± 3.5%
Illumination	4000Lux/40000Lux	± 5.0%
Humidity	20℃~95℃	± 5.0%
Temperature(℃/°F)	0℃~40℃	± 2℃
	32°F~104°F	± 4°F

MY80 Digital multimeter



Main structure and features

MY80 is a new type pen digital multi meter, with stable performance, large-scaled integrated load design, equipped with overload protection and under-voltage battery. Characterized with high accuracy, low consumption, new structure, safe and reliable, it is the dreamt measuring instrument for users.

The instrument can measure the DC voltage, AC voltage, DC current, AC current, resistance, diode and connection. It also has non contact voltage detecting function, convenient to remind users to safe operation, thus users will be more safe and feel at ease.

Features

Display	2000
Data hold	√
Automatic and manual range	√
Diode test	√
On-off test	√
Non-connect voltage detecting	√
Illumination	√
Power supply	2×1.5V AAA battery
Weight	About 110g
Size	205mm×38mm×29mm

Technical parameter

Parameter	Range	Accuracy
DC voltage	200mV/2V/20V/200V	± (0.5% + 3)
	600V	± (0.8% + 5)
AC voltage	2V/20V/200V	± (0.8% + 3)
	600V	± (1.0% + 5)
DC current	20mA/200mA	± (1.8% + 5)
AC current	20mA/200mA	± (2.0% + 5)
Resistance	200 Ω /2k Ω /20k Ω /200k Ω /2M Ω	± (1.0% + 3)
	20M Ω	± (1.2% + 15)

Main structure and features

MY60/64 is a trinity half high-accuracy digital multi meter, designing based on ergonomics, aesthetic and durable. Adopting A/D converter with large-scaled collected circuit, it is characterized with high accuracy and resolution, low voltage indication, fast measuring speed, strong overload ability and overall low power consumption, become the ideal tool for maintenance and reparation for smelt, manufacturing, petroleum, electrical power system and chemistry.

This series instrument can be used to measure parameters of AC voltage, DC voltage, AC current, DC current, resistance, electrical capacity, frequency, temperature, diode forward direction voltage drop, triode hFE and circuit on-off. Based on different models of products, the functions will also be different.

MY60/64 Digital multimeter

Features

Display	2000
Polar indication	√
Low voltage indication	√
On-off test	√
Over range indication	√
Range choice	Manual
Measuring rate	2-3t/s
Power supply	9V 6F22 2×1.5V AA battery
Weight	About 310g
Outline size	189mm×91mm×32mm

Technical parameter

Parameter	Range		Accuracy
	MY60	MY64	
DC voltage	200mV/2V/20V/200V	200mV/2V/20V/200V	± (0.5% + 3)
	1000V	1000V	± (0.8% + 3)
AC voltage	200mV		± (1.2% + 3)
	2V/20V/200V	2V/20V/200V	± (0.8% + 3)
	750V	750V	± (1.2% + 5)
DC current	20 μ A/200 μ A		± (0.8% + 2)
	2mA/20mA	2mA/20mA	± (0.8% + 2)
	200mA/2A	200mA	± (1.2% + 2)
	10A	10A	± (2.0% + 5)
AC current	20 μ A		± (3.0% + 7)
	200 μ A		± (1.8% + 3)
	2mA/20mA	2mA/20mA	± (1.0% + 3)
	200mA/2A	200mA	± (1.8% + 3)
	10A	10A	± (2.0% + 10)
Resistance	200 Ω	200 Ω	± (0.8% + 3)
	20k Ω/200k Ω	20k Ω/200k Ω	± (0.8% + 2)
	20M Ω	20M Ω	± (1.0% + 5)
		200M Ω	± (5.0% + 10)
Capacity		2nF/20 nF/200nF/2 μ F/20 μ F	± (3.0% + 5)
Frequency		20kHz	± (2.0% + 5)
Temperature		-40℃~ + 400℃	± (1.2% + 4)
		+400℃~ + 1000℃	± (1.9% + 15)



NS2203 Three phase clamp power meter



Main structure and features

NS2203 is a kind of portable intelligent power measuring meter, combined digital current meter with power measuring instrument, can be operated to measure three phase three wire, three phase four wire and single wire input information. Consisting of three channels of voltage, current and power and micro single-chip system, and equipping with strong measurement and data management software, it can measure, calculate and display parameters of current, voltage, active power, reactive power, power factor, apparent power, electrical energy, frequency and so on. With overall automatic range switching circuit, every menu can double display two kinds of measured parameters, can save 28 groups measured parameters. When it is on three-phase measurement, it can respectively measure five power parameters and three phase total power parameters for every phase. The multi-functional button control system and the two printed bar diagram can display the fluctuated value of voltage and current. This instrument is especially suitable for the measurement, detection and repair for spot electrical equipment and power supply system. Characterized with clamp portable structure, small volume, light weight, stable performance, high accuracy, easy operation, users of three phase power measurement, NS2203 will be your ideal choice.

With overall automatic measuring range, the instrument can measure parameters of AC voltage, AC current, active power, reactive

Features

Display	9999
Automatic turn off	√
Automatic range	√
Maxi/Mini value measurement	√
Data hold	√
Backlight	√
RS232 connection	√
Under-voltage indication	√
RMS	√
Data storage	28 groups
Power supply	4×1.5V AA battery
Outline size	300mm×103mm×51mm
Jaw diameter	Φ50mm
Weight	About 580g

Technical parameter

Parameter	Range	Accuracy
AC voltage	0.1V~600V	± (1.2% + 5)
AC current	0.1A~1000A	± (2.0% + 5)
Active power	0.01KW~600kW	± (3.0% + 3)
Reactive power	0.01kvar~600kvar	± (4.0% + 5)
Apparent power	0.01kva~600kva	± (3.0% + 5)
Power factor	0.3~1	± (0.02% + 2)
Electrical energy	0.001kWh~10000kWh	± (3.0% + 2)
Frequency	20Hz~1kHz	± 0.5%

Main structure and features

N266 and N266C is a kind of trinity half digital clamp meter with stable performance, safety and reliability. Adopting A/D converter with large-scaled collected circuit and equipped with overload protecting circuit for overall instrument, it is characterized with all range overload protection, low voltage indication, data hold, inductive indication and fast measurement, becoming the first choice for the electrical measurement.

Features

Display	2000
Polar indication	√
Low voltage indication	√
On-off test	√
Over range indication	√
Data hold	√
Range choice	Manual
Measuring rate	2-3t/s
Power supply	9V 6F22 battery
Weight	About 320g
Outline size	235mm×90mm×40mm
Jaw diameter	φ50mm

Technical parameter

Parameter	Range		Accuracy
	N266	N266C	
AC Current		20A	± (5.0% + 10)
	200A	200A/400A	± (3.0% + 5)
	1000A	1000A	≤600A: ± (3.0% + 5)
			> 600A: not examined
DC voltage		2V/20V/200V	± (0.5% + 3)
	1000V	1000V	± (0.8% + 3)
AC voltage		200V	± (0.8% + 5)
	750V	750V	± (1.2% + 5)
Resistance	200Ω	200Ω	± (1.0% + 3)
	20kΩ	20kΩ	± (1.0% + 1)
		2MΩ	± (1.0% + 5)
Temperature		0° ~400°	± (1.0% + 3)
		400° ~750°	± (2.0% + 3)
		32°F~752°F	± (1.0% + 3)
		752°F~1400°F	± (2.0% + 3)

N266 Digital clamp meter



MY61D Digital multimeter



Main structure and features

MY61D is a kind of portable and simple digital multi-meter. Characterized with stable performance, high accuracy, low power consumption, new structure and equipped with overall overload protection, safe and reliable, it is the dream tool for measurement.

Features

Display	2000
Automatic range	√
Backlight	√
Data hold	√
On-off test	√
Low voltage indication	√
Sample taking rate	About 3t/s
Power supply	2x1.5V AAA battery
Outline size	128mm x 61mm x 25mm
Weight	About 210g

Technical parameter

Parameter	Range	Accuracy
DC voltage	2V/20V/200V	$\pm (0.5\% + 3)$
	600V	$\pm (0.8\% + 5)$
AC voltage	2V/20V/200V	$\pm (0.8\% + 3)$
	600V	$\pm (1.0\% + 5)$
Resistance	2kΩ/20kΩ/200kΩ/2MΩ	$\pm (1.0\% + 3)$
	20MΩ	$\pm (1.2\% + 15)$

Main structure and features

NS62C and NS63E is a kind of portable and simple digital clamp meter, characterized with stable performance, high accuracy, low power consumption, and designed based on ergonomics, entirely equipped with overall function overload protection, safe and reliable, is the indispensable tool for electrical measurement. This instrument can measure parameters including AC current, DC voltage, AC voltage, frequency, resistance and connection, characterized with non contact voltage detecting function, which can remind users to pay attention to safe operation in time, so that they can use more safe and feel at ease.

Features

Display	6000
Automatic range	√
Backlight	√
Data hold	√
On-off test	√
Low voltage indication	√
Automatic turn-off	√
Sample rate	About 3t/s
Power supply	2×1.5V AAA battery
Outline size	190mm×62mm×32mm
Clamp diameter	42mm
Weight	About 260g

Technical parameter

Parameter	Range		Accuracy
	NS62C	NS63E	
AC current	6A/60A/400A	6A/60A/400A	± (2.5% + 8)
	400A-600A	400A-600A	± (3.0% + 10)
DC voltage	600V	6V/60V/600V	± (0.5% + 3)
AC voltage	600V	6V/60V/600V	± (0.8% + 3)
Frequency		60Hz/1000Hz	± (1.0% + 3)
Resistance	6kΩ	6kΩ/60kΩ/10MΩ	± (0.8% + 3)

NS62C,NS63E Digital clamp meter



NS2001 Digital clamp meter



Main structure and features

NS2001 is a kind of trinity half digital clamp meter with stable performance, safety and reliability. Adopting A/D converter with large scaled collected circuit and equipped with overload protecting circuit for overall instrument, it is featured with all range overload protection, low voltage indication, data hold, inductive indication and fast measurement, becoming the first choice for the electrical measurement.

Features

Display	2000
Polar indication	√
Low voltage indication	√
Data hold	√
Backlight	√
On-off test	√
Over range indication	√
Range choice	Manual
Measuring rate	2-3t/s
Power supply	9V 2x1.5 AA battery
Weight	About 480g
Size	250mm x 99mm x 46mm
Clamp diameter	Φ42mm

Technical parameter

Parameter	Range	Accuracy
	NS2001	
AC voltage	750V	± (1.0% + 5)
		± (1.5% + 5)
DC voltage	1000V	± (1.0% + 2)
		± (1.0% + 5)
AC current	20A/200A/1000A	± (2.0% + 5)
		± (2.0% + 20)
Resistance	200Ω/2000Ω	± (1.0% + 3)
		± (1.0% + 5)

Main structure and features

NAS830B and NAS838 are kinds of trinity half automatic range portable pocket-size digital multi-meter with stable performance, safety and reliability, based on ergonomics design, aesthetic and durable, characterized with functions of data hold, back light, low voltage display, automatic negative display and mal-operate protections, becoming the indispensable tool for electrical engineering.

The instrument can measure parameters of DC voltage, AC voltage, DC current, resistance, temperature, diode and on-off test for circuit. Based on different models for products, the functions will also be different.

NAS830B, NAS838 Portable digital multimeter

Features

Display	2000
Data hold	√
Backlight	√
Diode test	√
On-off test	√
Transistor test	√
Automatic negative display	√
Power supply	9V 6F22 battery
Outline size	138mm x 69mm x 31mm
Weight	About 336g

Technical parameter

Parameter	Range		Accuracy
	NAS830B	NAS838	
DC voltage	200mV/2V	200mV/2V	± (0.5%+2)
	20V/200V/600V	20V/200V/600V	± (0.8%+2)
AC voltage	200V/600V	200V/600V	± (1.2%+10)
DC current	200 μ A/2mA/20mA	2mA/20mA	± (1.0%+2)
	200mA	200mA	± (2.0%+2)
	10A	10A	± (3.0%+2)
Resistance	200 Ω /2k Ω /20k Ω /	200 Ω /2k Ω /20k Ω /	± (0.8%+3)
	200k Ω	200k Ω	
	2M Ω	2M Ω	± (1.0%+2)
Temperature		-20℃~400℃	± (1.0%+2)
		400℃~1000℃	± (2.0%)



Mf47 Pointer multimeter



Main structure and features

MF47 type is a kind of pointer multi-meter with multi-function, multi-usage, high-sensibility and multi-protection. This product has better mechanism strength and isolation strength, characterized with flat and thin outlook, light weight and easy-taking, becoming suitable and ideal for electrical technical area, communication area and electrical institutions.

Except measurement of parameters of AC voltage, DC voltage, DC current, resistance, temperature, the instrument can also detect transistor DC magnification. While taking advantage of fundamental frequency power supply in series to measure parameters of electrical capacity and electrical sensibility and also detect the audio level.

Features

Display	Pointer style
Transistor measurement	√
Battery capacity	√
Standard resistance box	√
LV/LT measurement	√
Inductance measurement	√
Capacity measurement	√
Audio level measurement	√
Power supply	9V 6F22 1.5V AA battery
Outline size	166mm×113mm×50mm
Weight	About 600g

Technical parameter

Parameter	Range	Accuracy
AC voltage	10V/50V/250V/500V/1000V/2500V	± 5.0%
DC voltage	0.25V/1V/2.5V/10V/50V/250V/1000V 2500V	± 2.5% ± 5.0%
DC current	0.05mA/0.5mA /5mA/50mA /500mA 10A	± 2.5% ± 5.0%
Resistance	R×1/R×10/R×100/R×1K/R×10K	5.0% (arc length)
Temperature	-10℃~150℃	5.0% (arc length)

Main structure and features

MF667-2 type is a kind of pointer multi-meter with multi-function, multi-usage, high-sensibility and multi-protection. This product has better mechanism strength and isolation strength, characterized with flat and thin outlook, light weight and easy-taking, becoming suitable and ideal for electrical technical area, communication area and electrical institutions. The instrument can measure parameters of AC voltage, DC voltage, DC current, resistance, circuit turn-off test and diode inductive distinguish.

MF667-2 Pointer multimeter

Features

Display	Pointer style
Turn-off test	√
Battery capacity	√
Diode inductive distinguish	√
Power supply	2×1.5V AA battery
Outline size	126mm×82mm×39mm
Weight	About 180g

Technical parameter

Parameter	Range	Accuracy
AC voltage	10V/50V/250V/1000V	± 4.0%
DC voltage	2.5V/10V/50V/250V/1000V	± 3.0%
DC current	2.5mA/25mA /500mA	± 3.0%
Resistance	R×1Ω/R×10Ω	± 3.0%
	R×100Ω/R×1KΩ	± 10.0%



MY63C AC Voltage tester



Main structure and features

MY63C is an intelligent non-contact voltage tester, when turning on the instrument's power switch, the power indicator lamp white illuminates. Put the instrument's probe to contact the power socket or to get near to the electric conductor, If the instrument detects AC voltage, its induction indicator lamp will flash. The relevant signal intensity indicator lamps (low, mid, high) light up, depending on the signal intensity detected, and the buzzer makes the different alarm sound. If the instrument detects common AC signal, the signal intensity indicator lamp (low, mid) both light up; if it detects highest AC signal, the signal intensity indicator lamps (low, mid, high) all light

Features

AC voltage range	AC12V-1000V
Frequency	50Hz-60Hz
Alarming mode	Sound-light-alarm
Flashlight	White LED
Automatic turn-off	√
Low voltage indication	√
Probe shape	Prolate
Netural wire and line wire distinguish	Sound(high, medium and low)and LED light
NCV sensitivity	Automatic choice for 3 sensitivity(high, medium and low)
Power supply	2×1.5V AAA battery
Weight	45g
Outline size	156mm×20mm×20mm

Main structure and features

MY35F is a portable digital meters with stable performance and high reliability. The design of the complete circuit adopts A/D converter with double integration of large-scale integrated circuit, equipped with the overall functional overload protection. It is characterized with full-range overload protection, low voltage indication, data hold, polarity indication and rapid measuring speed, to be an ideal tool for the laboratory, factory, radio enthusiasts and family.

The instrument can measure parameters including DC voltage, AC voltage, DC current, AC current, resistance, capacitance, frequency, temperature, diode, circuit on-off test and thyristor hEF test.

MY35F Digital multimeter

Features

Display	2000
Polar indication	√
Low voltage indication	√
On-off test	√
Over range indication	√
Data hold	√
Range choice	Manual
Measuring rate	2-3t/s
Power supply	9V 6F 22 battery
Weight	About 310g
Outline size	182mm×87mm×40mm

Technical parameter

Parameter	Range	Accuracy
DC voltage	200mV/2V/20V/200V	± (0.5%+2)
	1000V	± (1.2%+5)
AC voltage	2V/20V/200V	± (0.8%+3)
	750V	± (1.2%+3)
DC current	2mA/200mA	± (1.2%+2)
	20A	± (2.0%+2)
AC current	200mA	± (1.8%+3)
	20A	± (3.0%+7)
Resistance	200 Ω /2k Ω /20k Ω /200k Ω /2M Ω	± (0.8%+2)
	20M Ω	± (1.2%+2)
	200M Ω	± (5.0%+10)
Capacitance	20nF/200nF/2 μ F/20 μ F/200 μ F	± (4.0%+5)
Frequency	200KHz	± (1.5%+5)
Temperature		± (1.0%+8)
		± (1.5%+15)



MY34F Digital multimeter



Main structure and features

MY34F is a trinity half byte digital multimeter with high accuracy, designing based on ergonomics, aesthetic and durable. Adopting A/D converter with large-scaled collected circuit, it is characterized with high accuracy and resolution, low voltage indication, rapid measuring speed, strong overload ability and overall low power consumption, becoming the ideal tool for maintenance and reparation for industries including smelt, manufacturing, petroleum, electrical power system and chemistry. It can measure parameters including AC voltage, DC voltage, AC current, DC current, resistance, capacitance, frequency, temperature, diode, crystal transistor hEF and circuit on-off test.

Features

Display	2000
Polar indication	√
Low voltage indication	√
On-off Test	√
Over range indication	√
Data hold	√
Range choice	Manual
Measuring rate	2-3t/s
Power supply	9V 6F 22 battery
Weight	About 380g
Outline size	187mm×90mm×50mm

Technical parameter

Parameter	Range	Accuracy
DC voltage	200mV/2V/20V/200V	± (0.5%+1)
	750V	± (0.8%+2)
AC voltage	2V/20V/200V	± (0.8%+3)
	750V	± (1.2%+3)
DC current	2mA	± (0.8%+1)
	2mA/200mA	± (1.5%+1)
	10A	± (2.0%+5)
AC current	2mA/20mA	± (1.0%+3)
Resistance	200MΩ	± (1.8%+3)
	10A	± (3.0%+7)
Capacitance	200Ω	± (0.8%+3)
	2kΩ/20kΩ/200kΩ/2MΩ	± (0.8%+1)
Frequency	20MΩ	± (1.0%+2)
	200MΩ	± (5.0%+10)
Temperature	20KHz	± (1.5%+5)
		± (5.0%+4)
		± (1.0%+3)
		± (2.0%)

Main structure and features

NS33F is a trinity half byte digital clamp meter with stable performance and safe reliability. The design of the complete circuit adopts A/D converter with double integration of large-scale integrated circuit, equipped with the overall functional overload protection. It is characterized with full-range overload protection, low voltage indication, NCV non contact AC voltage detection, working lamp illumination, making it to be a electrical instrument with exterior performance. It can measure parameters including DC voltage, AC voltage, AC current, resistance, diode and circuit on-off test.

NS33F Digital clamp meter

Features

Display	2000
Polar indication	√
Low voltage indication	√
On-off test	√
Over range indication	√
Data hold	√
Range choice	Manual
Measuring rate	2.5-3t/s
Power supply	DC 1.5V ×3 AAA battery
Weight	About 280g
Outline size	218mm×78mm×32mm
Jaw diameter	Φ26mm

Technical parameter

Parameter	Range	Accuracy
DC voltage	200mV/2V/20V/200V	± (0.8%+2)
	600V	± (1.0%+2)
AC voltage	2V/20V/200V	± (1.0%+5)
	600V	± (1.2%+5)
AC current	2A/20A	± (3.0%+15)
	200A/600A	± (2.5%+5)
Resistance	200 Ω /2k Ω /20k Ω /200k Ω /2M Ω	± (1.2%+2)
	20M Ω	± (2.0%+5)



NS32A Digital clamp meter



Main structure and features

NS32A is a trinity half byte digital clamp meter with stable performance and safe reliability and convenient to take. The design of the complete circuit adopts A/D converter with double integration of large-scale integrated circuit, equipped with the overall functional overload protection and the unique outline design makes it to be a special electrical instrument with exterior performance. It can measure parameters including DC voltage, AC voltage, AC current, diode, resistance and circuit on-off test.

Features

Display	2000
Data hold	√
Low voltage indication	√
Sampling rate	2-3t/s
Range choice	Manual
Power supply	2 × 1.5V AAA battery
Outline size	185mm×55mm×22mm
Jaw diameter	Φ45mm
Weight	About 210g

Technical parameter

Parameter	Range	Accuracy
AC voltage	600V	± (1.0%+3)
DC voltage	600V	± (1.5%+5)
	2A	± (2.5%+12)
	20A	± (2.0%+5)
	200A	± (1.5%+5)
AC current	600A	± (2.0%+8)
Resistance	2k Ω /2000k Ω	± (1.0%+4)

CERTIFICATE OF CONFORMITY



Applicant: Zhejiang Chint Instrument&Meter Co., Ltd
Address: High-tech industrial park, Chint instrument&meters, Beibaixiang, Yueqing, Zhejiang
Manufacturer: Zhejiang Chint Instrument&Meter Co., Ltd
Address: High-tech industrial park, Chint instrument&meters, Beibaixiang, Yueqing, Zhejiang
Product: Ammeter
Brand Name: CHINT
Model No.: 6L2-A
Rating(s): Max.5A
Test Report No.: 17LTE0719120E

The submitted sample of the above product has been tested for CE marking according to following European Directive and standards:

- Electromagnetic Compatibility Directive 2014/30/EU

Standards: EN 61326-1: 2013

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive. This verification does not imply assessment of the production of the product. The CE marking may be affixed if all relevant and effective European Directives with CE are applicable.



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CERTIFICATE OF CONFORMITY



Applicant: Zhejiang Chint Instrument&Meter Co., Ltd
Address: High-tech industrial park, Chint instrument&meters, Beibaixiang, Yueqing, Zhejiang
Manufacturer: Zhejiang Chint Instrument&Meter Co., Ltd
Address: High-tech industrial park, Chint instrument&meters, Beibaixiang, Yueqing, Zhejiang
Product: Voltmeter
Brand Name: CHINT
Model No.: 6L2-V
Rating(s): Max.450V
Test Report No.: 17LTE0719121E

The submitted sample of the above product has been tested for CE marking according to following European Directive and standards:

- Electromagnetic Compatibility Directive 2014/30/EU

Standards: EN 61326-1: 2013

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive. This verification does not imply assessment of the production of the product. The CE marking may be affixed if all relevant and effective European Directives with CE are applicable.



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VERIFICATION OF COMPLIANCE

No.: LVD SHES160300197701ITC
Applicant: Zhejiang CHINT Instrument & Meter Co., Ltd
Wenzhou Bridge Industrial Zone, Yueqing, Wenzhou, Zhejiang, P.R. China
Manufacturer: Zhejiang CHINT Instrument & Meter Co., Ltd
Wenzhou Bridge Industrial Zone, Yueqing, Wenzhou, Zhejiang, P.R. China
Product Name: AC Ammeter
Product Description: AC Ammeter
Model No.: NP48-A, NP72-A, NP96-A
Rating: Max. measurement range:
Direct connection method: 5 A max.
Via transformer connection method: 10 kA max.
Protection against Electric Shock: N/A
Additional Information (if any): This verification replaces SHES130400131401TXX
Sufficient samples of the product have been tested and found to be in conformity with
Test Standard: EN 61010-1: 2010
as shown in the
Test Report Number(s): SHES160300197701

This Verification of LVD Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



Andrew Zhai
Laboratory Technical Manager
SGS-CSTC



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VERIFICATION OF COMPLIANCE

No.: LVD SHES160300197801ITC
Applicant: Zhejiang CHINT Instrument & Meter Co., Ltd
Wenzhou Bridge Industrial Zone, Yueqing, Wenzhou, Zhejiang, P.R. China
Manufacturer: Zhejiang CHINT Instrument & Meter Co., Ltd
Wenzhou Bridge Industrial Zone, Yueqing, Wenzhou, Zhejiang, P.R. China
Product Name: AC Voltmeter
Product Description: AC Voltmeter
Model No.: NP48-V, NP72-V, NP96-V
Rating: Max. measurement range:
Direct connection method: 500 V max.
Via transformer connection method: 450 kA max.
Protection against Electric Shock: N/A
Additional Information (if any): This verification replaces SHES130400131301TXX
Sufficient samples of the product have been tested and found to be in conformity with
Test Standard: EN 61010-1: 2010
as shown in the
Test Report Number(s): SHES160300197801

This Verification of LVD Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



Andrew Zhai
Laboratory Technical Manager
SGS-CSTC



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**CERTIFICATE
OF CONFORMITY**



Applicant: Zhejiang Chint Instrument&Meter Co., Ltd
Address: Wenzhou Bridge Industrial Zone, Yueqing, Zhejiang, China
Product: DIGITAL MULTIMETER
Brand Name: CHINT
Model No.: MY61D
Test Report No.: 16LTE052338E

The submitted sample of the above product has been tested for CE marking according to following European Directive and standards:

- Electromagnetic Compatibility Directive 2014/30/EU

Standards: EN 61326-1: 2013
 EN 61326-2-2: 2013

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive. This verification does not imply assessment of the production of the product. The CE marking may be affixed if all relevant and effective European Directives with CE are applicable.



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**CERTIFICATE
OF CONFORMITY**



Applicant: Zhejiang Chint Instrument&Meter Co., Ltd
Address: Wenzhou Bridge Industrial Zone, Yueqing, Zhejiang, China
Product: AC VOLTAGE DETECTOR
Brand Name: CHINT
Model No.: MY63C
Test Report No.: 16LTE052340E

The submitted sample of the above product has been tested for CE marking according to following European Directive and standards:

- Electromagnetic Compatibility Directive 2014/30/EU

Standards: EN 61326-1: 2013
 EN 61326-2-2: 2013

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive. This verification does not imply assessment of the production of the product. The CE marking may be affixed if all relevant and effective European Directives with CE are applicable.



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**CERTIFICATE
OF CONFORMITY**



Applicant: Zhejiang Chint Instrument&Meter Co., Ltd
Address: Wenzhou Bridge Industrial Zone, Yueqing, Zhejiang, China
Product: DIGITAL MULTIMETER
Brand Name: CHINT
Model No.: MY95
Test Report No.: 16LTE052342E

The submitted sample of the above product has been tested for CE marking according to following European Directive and standards:

- Electromagnetic Compatibility Directive 2014/30/EU

Standards: EN 61326-1: 2013
 EN 61326-2-2: 2013

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive. This verification does not imply assessment of the production of the product. The CE marking may be affixed if all relevant and effective European Directives with CE are applicable.



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**CERTIFICATE
OF CONFORMITY**



Applicant: Zhejiang Chint Instrument&Meter Co., Ltd
Address: Wenzhou Bridge Industrial Zone, Yueqing, Zhejiang, China
Product: DIGITAL MULTIMETER
Brand Name: CHINT
Model No.: NAS830, NAS830B, NAS830L, NAS838
Test Report No.: 16LTE052341E

The submitted sample of the above product has been tested for CE marking according to following European Directive and standards:

- Electromagnetic Compatibility Directive 2014/30/EU

Standards: EN 61326-1: 2013
 EN 61326-2-2: 2013

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive. This verification does not imply assessment of the production of the product. The CE marking may be affixed if all relevant and effective European Directives with CE are applicable.



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**CERTIFICATE
OF CONFORMITY**



Applicant: Zhejiang Chint Instrument&Meter Co., Ltd
Address: Wenzhou Bridge Industrial Zone, Yueqing, Zhejiang, China
Product: AC CLAMP METER
Brand Name: CHNT
Model No.: NS62C, NS63E
Test Report No.: 16LTE052339E

The submitted sample of the above product has been tested for CE marking according to following European Directive and standards:

- Electromagnetic Compatibility Directive 2014/30/EU

Standards: EN 61326-1: 2013
 EN 61326-2-2: 2013

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive. This verification does not imply assessment of the production of the product. The CE marking may be affixed if all relevant and effective European Directives with CE are applicable.



Jim Gao
 Manager
 June 12, 2016

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Test Report No: 16LTC0610147E

TEST REPORT

Applicant	Zhejiang Chint Instrument&Meter Co.,Ltd
Address	Wenzhou Bridge Industrial Zone, Yueqing, Zhejiang, China
Manufacturer or Supplier	Zhejiang Chint Instrument&Meter Co.,Ltd
Address	Wenzhou Bridge Industrial Zone, Yueqing, Zhejiang, China

Product	MULTIMETER	
Brand Name	CHNT	
Model	MY95 DIGITAL MULTIMETER	
Additional Model & Model Difference	DIGITAL MULTIMETER NAS830, NAS830B, NAS830L, NAS836, MY61D AC CLAMP METER: NS62C, NS63E AC VOLTAGE DETECTOR: MY63C	
Date of tests	2015-06-12-2016-06-23	

European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

CONCLUSION:

The submitted sample was found to comply with the test requirement

Compiled by Joan Li Engineer / Safety Department	Approved by Vincent Fan Manager / LiTest
Date: June 28, 2016	Date: June 28, 2016

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Lean Operation Accurate Measurement

<http://im.chint.com> Service hotline: 0577-62919999
Get more detailed information for relevant products of Chint meters 0571-56977999

Chint Group Chint Instrument & Meter Co., Ltd.
Wenzhou base: High-tech industrial park, Chint instrument & meters,
Beibaixiang, Yueqing, Wenzhou, Zhejiang Tel: 0577-62877777
Fax: 0577-62919700

Hangzhou base: No.560, Yueming Road, Bingjiang Area, Hangzhou, Zhejiang.
Tel: 0571-56977777 Fax: 0571-56977888

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