

AC milivolt meters

YB2172B LED type Single output AC Milivolt meter

- Super Scale, auto-flickering;
- 4 digits LED display, high accuracy, fine frequency characteristics;
- Super wide AC voltage range: $30\mu\text{V} \sim 300\text{V}$
- High resolution, max. upto $1\mu\text{V}$
- Digital coding switch instead of traditional attenuation switch;
- LED indicates scale and state;
- High impedance, low noise, fine linearity.


YB2172B

YB2173B LED Type Dual input AC milivolt meter

- Super Scale, auto-flickering;
- Dual Channel Sync. / A sync. operation
- 4 digits LED display, high accuracy, fine frequency characteristics;
- Super wide AC voltage range: $30\mu\text{V} \sim 300\text{V}$
- High resolution, max. upto $1\mu\text{V}$
- Digital coding switch insted of tradtional attenuation switch;
- LED indicates scale and state;
- High impedance, low noise, fine linearity.
- Grounding/floating function, to ensure exact measurement at different point


YB2172C

MODEL	YB2172B	YB2173B
Parameters		
Voltage range	30μV~300V	
Frequency range	10Hz~2MHz	
Channel	Single	Dual Channel display
Resolution	1μV	
Voltage steps.	6 steps 3mV~300V	
Voltage error	±0.5%±2 digital(1kHz)	
Max input voltage (DC + AC p-p)	300V @ 3mV~300mV	
	500V @ 3V~300V	
Input impedance	≥10MΩ	
Input capacity	≤35pF	
Output voltage	1Vrms±10%	
Frequency response	10Hz~200kHz≤±3%(@1kHz,No loader)	
Power supply	AC 200V±10%;50Hz±4%	
Physical Characteristics		
Dimension	225W×105H×285D(mm)	
Weight	Approx 2.5kg	Approx 3kg

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YB2172F - LCD Type Single output AC milivolt meter

- Integrate circuit
- LCD, high input impedance and accuracy and fine frequency
- SCM intelligent control and data process to realize scale auto switched
- Measure the voltage value of sine, triangle, square and pulse etc.
- Low noise, fine linearity, V/dB display


YB2173F - LCD Type Dual input AC milivolt meter

- Integrate circuit
- LCD, high input impedance and accuracy and fine frequency
- Measure the voltage value of sine, triange, square and pulse etc.
- Two channels and two display and switch to display virtual value and dB value
- Grounding/floating function to ensure safe exact measurement at different reference point
- Low noise, fine linearity, V/dB display



MODEL	YB2172F	YB2173F
Parameters		
Voltage range	100 μ V~300V; -80dB ~ +50dB	
Channel	Single	Dual channel display
Frequency range	10Hz~2MHz	
Resolution	10 μ V	
Voltage steps.	6 steps 3mV~300V	
Voltage error	$\pm 1\%$ ± 2 word (1kHz as base)	
Max input voltage (DC + AC p-p)	500V	
Input impedance	$\geq 1\text{M}\Omega$	
Input capacity	$\leq 40\text{pF}$	
Output voltage	1Vrms $\pm 5\%$	
Noise	Input short circuit < 6 words	
Power supply	AC 220V $\pm 10\%$; 50Hz $\pm 4\%$	
Physical Characteristics		
Dimension	225W $\times$ 105H $\times$ 285D(mm)	
Weight	Approx 2.5kg	approx 3kg

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Multimeters

MODEL	YB2172	YB2173	YB2174
Parameters			
Voltage range	100μV~300V	30μV~100V	1mV~10V
Frequency	5Hz~2MHz		10kHz~1000MHz
Gradation	Sine 1V=0dB virtual value ; 1mW=0dBm		
Voltage	1mV~300V	300μV~100V	3mV~10V
dB	60dB~+50dB	70dB~+40dB	
Voltage error	≤full graduation ±3%(@1kHz)		≤full graduation ±3%(@100kHz)
Max voltage	300V 1mV~1V	300V 300μV~1V	
DC + AC p-p	500V 3V~300V	50V 3V~100V	≥30kΩ (@100kHz,30mV upper)
Input impedance	≥10MΩ	≥1MΩ	≤2.5pF
Input capacity	≤50pF		
Output voltage	1Vrms±10%	0.1Vrms±10%	
Output Frequency Response	10Hz~200kHz≤±3%(1kHz,No loader)		
Power Supply	AC 200V±10%;50Hz±4%		
Physical Characteristics			
Dimension	140W×270L×210H(mm)		
Weight	Approx 2.5kg	Approx3kg	Approx 2.5kg


YB2172

YB2173

YB2174
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