

VICTOR 15+ V/mA calibrator



Accuracy: ±0.02%

VICTOR 15+

Features: High Accuracy of 0.02% for measure and source. 5 digits display for measure, and 6 digits display for source. A dual, Liquid Crystal Display White LED for backlight

TECHNICAL DATA (Output Function)

Function	Reference	Range	Resolution	Accuracy	Remark
DC voltage	1000mV	±100.00~1100.00mV	10µV	0.02±0.01	Maximum output: 2mA
	10V	±1.0000~11.0000V	0.1mV	0.02±0.01	Maximum output: 5mA
DC current	70mA	0.000~22.000mA	1µA	0.02±0.02	Maximum output: 5mA
	1000Hz	1.00Hz~110.00Hz	0.01Hz		Amplitude accuracy: ±2.5% (1Hz to 200Hz)
FREQ	1KHz	0.100KHz~1.100KHz	1Hz		Output voltage: +1~+11 V (zero base waveform);
	10KHz	1.0KHz~11.0KHz	0.1KHz	±2 count	Amplitude accuracy: ±10%±0.5V;
PULSE	100Hz	1~10000cycles	1eye		Maximum load: >100 KΩ;
	1KHz				Duty Cycle: 50%;
LOOP	24V			±10%	Maximum output current: 25 mA (short circuit protected)

Measuring Function

Function	Reference	Range	Resolution	Accuracy	Remark
DCV	±70.00~±220.00mV	10µV	0.02±0.02	±70.00~±220.00mV	Input Resistance: approximately 100MΩ
	±0.5000~±5.5000V	0.1mV	0.02±0.01	±0.5000~±5.5000V	Input Resistance: approximately 1MΩ
DCmA	±5.000~±5.000V	1mV	0.03±0.01	±5.000~±5.000V	
	50mA	±4.000~±5.000mA	1µA	0.02±0.01	Input Resistance: 5Ω
FREQ	500Hz	3Hz~500.00Hz	0.01Hz		Input Impedance: 100 kΩ at least;
	5KHz	3Hz~5.0000KHz	0.1Hz	±2count	Sensitivity: 3Vp-p minimum;
CONTINUITY	50KHz	3Hz~50.000KHz	1Hz		Duty Cycle: 50%.
	<250Ω sound	CLOSE / OPEN			Open circuit voltage: about 2.5V
PRESS	Defined by pressure module		Defined by pressure module	Defined by pressure module	For more detail, refer the pressure module about APM.

General Characters

Power	4×1.5AAA-size alkaline batteries (AC adapter can charge Ni-Hi battery)
Max allowable voltage	30V
Operation temperature range	0~50°C
Operation humidity range	≤80%RH
Store temperature range	≤-10°C~55°C
Store humidity range	≤90%RH
Size	205×95×42mm
Weight	500g(with holster)
Accessories	Test leads, Fuse
Options	AC adapter(VCP5L)
Security	Conforms to IEC 1010

VICTOR 6412 Clamp grounded resistance test instrument

Technical data

Basic Function

Measure mode	Measuring range	Resolution	Basic accuracy
Resistance	0.010-0.0999Ω	0.001Ω	±(1%+0.01Ω)
	0.10-0.99Ω	0.01Ω	±(1%+0.01Ω)
	1.0-49.9Ω	0.1Ω	±(1.5%+0.1Ω)
	50.0-99.5Ω	0.5Ω	±(2%+0.5Ω)
	100-199Ω	1Ω	±(3%+1Ω)
	200-395Ω	5Ω	±(6%+5Ω)
	400-590Ω	10Ω	±(10%+10Ω)
Current	600-1000Ω	20Ω	±(20%+20Ω)
	0-99mA	1mA	±(2.5%+5mA)
	100-299mA	1mA	±(2.5%+10mA)
	0.30-2.99mA	10mA	±(2.5%+0.02A)
	3.00-9.99A	10mA	±(2.5%+0.03A)
	10.00-20.00A	10mA	±(2.5%+0.05A)

Special function

Low battery indication	√
Date hold/storage	√
Auto power off	√
Relative humidity	10%~90%
Working environment	-10°C~55°C
Outer magnetic field	<40A/m
Outer electric field	<1V/m
Unit measuring time	1s
Resistance measuring frequency	>1KHz
Highest resolution of Resistance measuring	0.001Ω
Frequency of measured current	50Hz sine
Storage measuring data	50 group
Setting range of resistance critical value alarm	1-199Ω
Setting range of current critical value alarm	1-499mA
Protection scale	Double insulated
Operation way	Auto range
Clamp size	28mm
Power	6V(4×1.5V)

General Characters

Product color	Clamp: yellow, case: dark gray
Clamp size	293×90×66mm
Product net weight	Approx. 1320g(including battery)
Standard accessories	Test ring, battery, manual
Standard inner packing	special suitcase
Carton size	33×13×19.5cm



VICTOR 6412