

Transformation Ratio Tester

Transformation Ratio Testers

Model: 9100A 9100B 9100C 9100D



Specification

Model	9100A	9100B	9100C	9100D
Function	*Primary circuit current *Secondary circuit current *Transformation ratio * Angle error *Polarity test *Phase test	*Primary circuit current *Secondary circuit current *Transformation ratio *Polarity test *Phase test	*Primary circuit current *Secondary circuit current *Transformation ratio *Polarity test *Phase test	*Primary circuit current *Secondary circuit current *Transformation ratio * Angle error *Polarity test *Phase test
	(For Low voltage current transducer, transformer)	(For Low voltage current transducer, transformer)	(For High & Low voltage current transducer, transformer)	(For High & Low voltage current transducer, transformer)
Clamp connection	Primary clamp, with wire Secondary clamp, 2M wire	Primary clamp, wireless Secondary clamp, 2M wire	Primary clamp, wireless Secondary clamp, 2M wire	Primary clamp, wireless Flexible clamp, with wire Secondary clamp, 2M wire
Primary current	0.0A ~ 3000A resolution:0.1A accuracy:±1%	0.0A ~ 3000A resolution:0.1A accuracy:±1%	0.0A ~ 800A resolution:0.1A accuracy:±0.5%	0.0A ~ 800A resolution:0.1A accuracy:±0.5%
Primary flexible current	---	---	---	0.0A ~ 3000A resolution:0.1A accuracy:±1%
Secondary current	0.00mA ~ 5A resolution:0.01mA accuracy:±0.5%	0.00mA ~ 5A resolution:0.01mA accuracy:±0.5%	0.00mA ~ 5A resolution:0.01mA accuracy:±0.5%	0.00mA ~ 5A resolution:0.01mA accuracy:±0.5%
Transformation ratio	1 ~ 500 resolution:0.1	1 ~ 500 resolution:0.1	1 ~ 500 resolution:0.1	1 ~ 500 resolution:0.1
Angle error	0 ~ 360° resolution: 1° accuracy: ±3°	---	---	0 ~ 360° resolution: 1° accuracy: ±3°
Sampling speed	3 times/s	3 times/s	3 times/s	2 times/s

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Features

Model	9100A	9100B	9100C	9100D
Data storage	3000 groups	3000 groups	3000 groups	3000 groups
Date hold	√	√	√	√
Overflow indication	√	√	√	√
Auto power off	√	√	√	√
LCD size	44*27mm	44*27mm	44*27mm	44*27mm
Backlight	√	√	√	√
Low battery indication	√	√	√	√
Interface	---	---	USB	USB

General Information

Model	9100A	9100B	9100C	9100D
Power supply (Main unit)	1.5V AAA*4	1.5V AAA*4	1.5V AAA*4	1.5V AAA*4
Power supply (Current clamp)	---	9V 6F22 *1	1.5V AAA*4	1.5V AAA*4
Product size (primary current clamp)	200mm×245mm×13mm φ200mm	200mm×370mm×40mm φ200mm	76mm×255mm×31mm φ48mm	76mm×255mm×31mmφ 48mm
Product size (flexible current clamp)	---	---	---	200mm×245mm×13mm φ200mm
Product size (secondary current clamp)	137mm×40mm×19.5mm φ8mm	137mm×40mm×19.5mm φ8mm	137mm×40mm×19.5mm φ8mm	137mm×40mm×19.5mm φ8mm
Product weight	1000g	1000g	5 kg	5kg
Insulation rod size	---	---	φ32mm,1m/pc x5pcs	φ32mm,1m/pc x5pcs
Standard accessories	Main unit x1 Clamp x 2 Batteries x 4 Manual x 1 Pouch x 1	Main unit x1 Clamp x 2 Battery x 4 Manual x 1 Pouch x 1	Main unit x1 Clamp x 2 Insulation rod (1m) x 5 Battery x 8 Manual x 1 Pouch x 1 USB cable x 1 Software CD x1	Main unit x1 Clamp x 3 Insulation rod (1m) x 5 Battery x 8 Manual x 1 Pouch x 1 USB cable x 1 Software CD x1