

Specifications

SPECIFICATIONS	AR-872D	AR-872	AR-882	AR-892
Temperature Range	-50°C~1050°C (-68°F~1992°F)	-18°C~1250°C (0°F~2282°F)	-18°C~1500°C (0°F~2732°F)	-18°C~1850°C (0°F~3362°F)
Accuracy	±2% or ±2°C	±2% or ±2°C	±2% or ±2°C	±2% or ±2°C
Distance Spot Ratio	20:1	30:1	50:1	80:1
Emissivity	0.10~1.00 adjustable	0.10~1.00 adjustable	0.10~1.00 adjustable	0.10~1.00 adjustable
Resolution	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (>1000°C)	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (>1000°C)	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (>1000°C)	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (>1000°C)
Response Time & Wavelength	500ms & (8-14)µm	500ms & (8-14)µm	500ms & (8-14)µm	500ms & (900~1700)µm
Repeatability	±1% or ±1°C	±1% or ±1°C	±1% or ±1°C	±1% or ±1°C
Average & Difference Function	✓	✓	✓	✓
Max & Min Function	✓	✓	✓	✓
High Low Temperature Alarm Setup	✓	✓	✓	✓
Data Store/Recall Function	✓	✓	✓	✓
°C/°F Selection	✓	✓	✓	✓
Data Hold Function	✓	✓	✓	✓
Laser Target Pointer Selection	✓	✓	✓	✓
RS232/USB Input Interface	—	—	—	RS232
Corresponding Analyzing Software	—	—	—	✓

Insulation Tester

IT801: 500V Analog Tester Insulation Tester

- * Only test voltage 500V
- * Insulation Resistance to 1000MΩ
- * 230µA short circuit current



IT801

Specifications

Insulation Resistance	1~1000MΩ
Basic Resolution	±5% of scale
Insulation Test Voltages	500V
AC Voltage Test	600V

IT802: 2500V Digital Insulation Tester

- * Three test voltages 250V, 500V, and 1000V
- * Insulation Resistance to 2000MΩ
- * 1.5mA short circuit current



IT802

Specifications

Insulation Resistance	2M/20M/200M/2000M Ω
Basic Resolution	± (3%+2)
Insulation Test Voltages	250V, 500V, 1000V
AC Voltage Test	700V

IT803, IT803A, IT803B Digital Tester with backlit display Insulation Tester

Features

- * Test of insulation resistance up to 2000MΩ, at 250V~5000V for high voltage equipments like electric motor.
- * Built-in high power voltage generator, voltage output from 250V to 5000V adjustable
- * Auto step measurement to get insulation data at difference voltages (V selectable)
- * LCD display and backlit
- * Supplied in mould plastic case.



IT803A