

Compact, Hi-grade, Hi-performance  
1kHz Milli Ohm Meter for Automatic Test Machine

# Model 1210<sub>T2</sub>

Recommendable for Resistance measurement of  
Fuse, Breaker etc.



**RST**  
ENGINEERING  
Realize New Era  
of  
LCR Measurement

**RST ENGINEERING CO., LTD**

KYOTO, JAPAN

# Quick stabilizing type

## AC 1kHz Milli OHM Meter Model 1210 T2

### OUTLINE

Measuring very low resistance value with 1kHz AC measuring signal and output judged result as LO/GO/HI by Comparator built in.

Realized high performance at quite low cost.

By control CPU built in, enhanced reliability, giving function which display the value of Digital Switch at 【DISPLAY】 position for confirming set value.

Measurement Signal : 1kHz±5 %      Minimum Resolution : 10  $\mu$       Measuring range : 20m ~ 200  
Measurement sampling : 50msec      With 2 steps Digital Compact & set value confirming function.  
External control signal photo-isolation.      BCD parallel output.

### Specifications

Range	Measuring range	Resolution	Current	Accuracy
20m	10 $\mu$ ~ 19.99m	10 $\mu$	100mA	Within±(0.3% rdg+50 $\mu$ +2digit)
200m	100 $\mu$ ~ 199.9m	100 $\mu$	10mA	
2	1m ~ 1999m	1m	1mA	
20	10m ~ 19.99	10m	100 $\mu$ A	
200	100m ~ 199.9	100m	10 $\mu$ A	

Measuring signal : 1kHz±5 % Sine wave , applied voltage , below 20mV

Measuring method : 4 terminal measurement

Measuring time : Free running / 20 times / sec. Remote start / 50msec.

Response time : Approx 200msec.

Comparator setting range : 000 ~ 1999 for both Upper & Low Limit.

Judged result display : LED display ( LO / GO / HI ) Buzzer ( NG / GO )

Control signal(Photo Isolation) : Remote start input

Judged result output : NG / GO / + NG ]

— opencollector 40V , 100mA max.

End of conversion : EOC

Measured output signal : Measured value BCD Parallel output

— Fan out 2

Print command output , range Output

Power supply : AC 100V / 117V / 220V / 240V±10 % 50 / 60Hz

Dimensions & weight : 255 ( W ) ×90 ( H ) ×255 ( D ) mm , Approx. 3.5kg.

Accessory : Power source cable : 1pc. Fuse ( as spare ) : 1pc. Measuring cable : 1pc.

Instruction Manual (Japanese or English ) : 1copy.

Measuring cable : Either 5 pin 70cm long cable with Kelvin clip or 5 pin 2meters long cable with coupling & without clip according to your choice.

Caution : Internal Resistance of Thermo Electro-motive force (Battery, Cell, charged Condensor etc.) can not be measured and external Bias also can not be applied.

For improvement, subject to change specifications etc without notice.



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