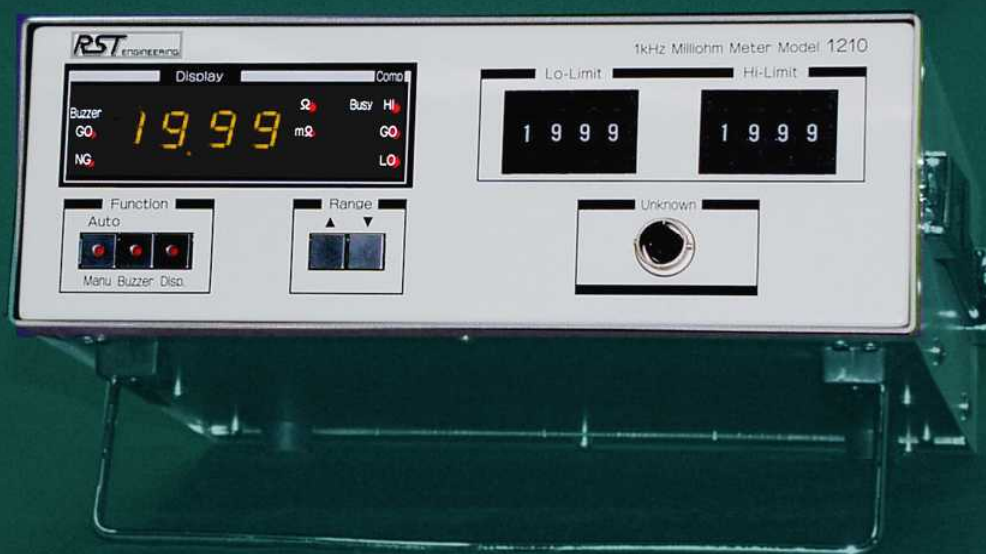


Response time improved type 1kHz Milli Ohm Meter  
Hi-grade, Hi-performance

# Model 1210<sub>T3</sub>

Measuring method : 4 terminal measuring system  
Measuring signal : 1kHz $\pm$ 5%  
Display : 3 1/2 digit  
Measuring time : Free running 20 time/sec  
Remote start 50 msec.  
Response time : 100msec



**RST**  
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Realize New Era  
of  
LCR Measurement

**RST ENGINEERING CO., LTD**

KYOTO, JAPAN

# AC 1kHz Milli OHM Meter Model 1210 T3

## 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.

Optimum for Contact Resistance of Relay, Switch or Connector etc. and also for test of internal Resistance of Battery.

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  $\sim$  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
20 m	10 $\mu$ $\sim$ 19.99 m	10 $\mu$	100 mA	Within $\pm(0.3\% \text{ rdg} + 50 \mu\Omega + 2\text{digit})$
200 m	100 $\mu$ $\sim$ 199.9 m	100 $\mu$	10 mA	
2	1 m $\sim$ 1999 m	1 m	1 mA	
20	10 m $\sim$ 19.99	10 m	100 $\mu$ A	
200	100 m $\sim$ 199.9	100 m	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 100msec.

Over display : will be indicated as 「 $\square$ 」

Comparator setting range : 000  $\sim$  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 ]

End of conversion : EOC

Measured output signal : Measured value BCD Parallel output

Print command output , range Output

open collector 40V , 100mA max.

Fan out 2

Power supply : AC 100V / 117V / 220V / 240V $\pm$ 10 % 50 / 60Hz

Dimensions & weight : 255 ( W )  $\times$  90 ( H )  $\times$  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 : When ordering, please confirm which do you prefer 5 pin 70cm long cable with Kelvin clip or 2 meters long cable with coupling & without clip.

For improvement, subject to change specifications etc without notice.

[Distributor]



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