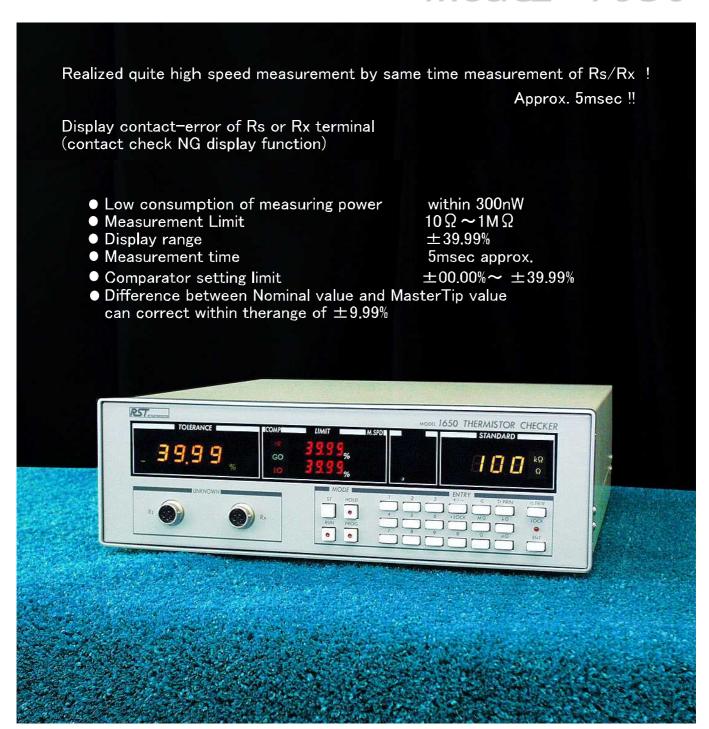




Hi-Stability, Hi-Accurate, Hi-Speed % measurement by Comparison way with Master tip Thermister.

## Same time comparison type Thermister Checker

# Model 1650



RST ENGINEERING CO., LTD

KYOTO JAPAN

#### Features

Same time Comparison measurement with Master Thermistor Tip and the Tip to be measured.

Compared value is displayed as judgement of HI/GO/LO and output signal.

Measured value is displayed as deviation value -39.99% ~ +39.99%.

Difference between Nominal value and Master Tip value can correct within the rang of ± 9.99%.

Have measurement power save function, preventing increasing temperature of tip to be measured (supply power at only measuring time)

### Specifications

#### Measurement limit & accuracy (at temp. 23

Standard setting value	Measuring current	Measuring power	Display limit	Accuracy
10.0 ~ 99.9	1 m A	3 0 0 n <b>W</b>		
100 ~ 999	100 <b>µ</b> A	3 0 n <b>W</b>		
1.00 k ~ 9.99 k	10 µ A	3 n <b>W</b>	±39.99%	within±0.02%±1digit
10.0 k ~ 99.9 k	10 µ A	3 0 n W		
100 k ~ 1.00M	5 μΑ	7 5 n <b>W</b>		

Measurement method

4 terminal measurement

Rs/Rx same time measurement method

Measurement time

Power frequency	Remote start	Free running	
60Hz	Approx.5msec	Approx.30time/sec	
50Hz	Approx.5msec	Approx.25time/sec	

Comparator setting limit

Both for H & L

 $\pm 00.00\% \sim \pm 39.99\%$ 

Judgement display

HI/GO/LO display

Contact error display

CE1 display: Rs terminal side error

CE2 display: Rx terminal side error

CE3 display: Both Rs/Rx terminal side error

Input/Output signal

Input signal: START, HOLD

Output signal: EOC (end of judgement)

HI/GO/LO (judgement output)

C.E (contact error)

Open-collector output Mx. 40V, 200mA

Ambient condition

Temp 0 ~ +50 Humidity below 85%

Outer dimension

 $330(W) \times 99(H) \times 350(D) mm$ 

**Power** 

100V,110V,220V,240V Approx.30VA

Weight

7.5kg Approx.

**Option** 

Function for 7 classifications

Specifications and design are subject to change without notice for improvement.



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