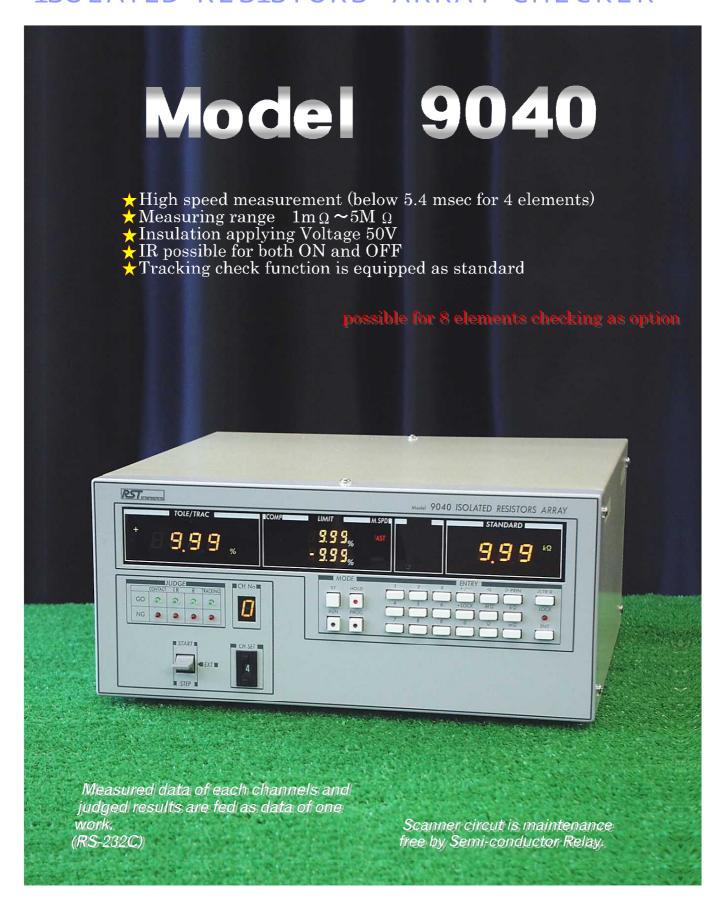


ISOLATED RESISTORS ARRAY CHECKER



ISOLATED RESISTORS ARRAY CHECKER Model 9040

Model 9040 is specially developed checker which measure and judge for measuring multiple isolated resistors allay at high speed and accuracy.

Equipped with tracking function which check dispersion of elements and for IR check, contact check and H & L judgement are made at same time at 50V applied. Scanner circuit is maintenance free by semi-conductor relay.

In case of RS-232C equipment, measured data of each channels and judged results are fed as data of one work.

Outstanding Function: Contact check, Tracking check, IR check function and Output of printer Option: RS-232C, GP-IB, 8 elements checking

Specifications of Measuring section

Measuring limit & Accuracy (figures are 23 ± 5

STANDARD Setting value	Measuring Current	Display limit	Accuracy	
1.00 ~ 9.99	2 0 m A			
10.0 ~ 99.9	1 0 m A		within $\pm 0.05\% \pm 2 \text{ digit}$	
100 ~ 999	1 0 m A		-	
1.00 k ~ 9.99 k	1 m A	± 9.99%		
10.0 k ~ 100 k	100 µ A		within $\pm 2 digit$	
$101 k \sim 1.00 M$	10 μ A		within $\pm 0.2\% \pm 2 \text{ digit}$	
1.01M ~ 5.00M	1 μ Α		within ±5digit	
(m check)	2 0 m A	0 ~ 9 9 9 m	within ± 0 . 2% ± 2 digit	

: $\pm 0.05\% \pm (\text{ set value k} /10) \times 0.01\%$: $\pm 0.3\% \pm (\text{ set value M} /20)\%$ Figures of Accuracy are the ones perfect shield condition of object to be measured.

Measuring method 2 & 4 terminal Auto-changeover OFF 4 terminal measurment at all

2 & 4 terminal Auto changeover ON below 100k (STANDARD) 4 terminal over101k (STANDARD) 2 terminal

Contact check function changeover ON OFF

Comparator setting range ±0.00 % ~ ±9.99 % for both high and low limit

■ Specifications of Scanner section

Numbers of channel 4ch(standard)8ch(option) Display of channel 1 figure
Insulation apply Voltage 50V Insulation judgement accuracy ± 5 %

Insulation judgement level 100k ~ 20M variable

Tracking setting range 0.00 % ~ 9.99 % (maximum value - minimum value)

Display of judgement Contact check LED (GO, NG) Insulation check LED (GO, NG) Tracking check LED (GO, NG)

■ Common Specifications

 $\begin{array}{lll} \underline{\text{Measuring time}} & \text{Below} & 100k \\ \text{(Tracking ON } & \text{IR check ON)} & \text{Over} & 101k \\ \end{array} \quad \begin{array}{ll} \text{approx.1msec} + \text{approx.1.1msec} \times \text{Nch} \\ \text{approx.1.7msec} + \text{approx.2.3msec} \times \text{Nch} \\ \end{array}$

(include Insulation, Contact check & tracking-check)

Input/Output signal Input = START

Output = EOC, IR NG (Insulation NG)
RNG,TOTAL GO

RNG,TOTAL GO
Output after sythetic judgement
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Ambient condition
Outer dimension
Power source
Weight
Outer dimension $328(W) \times 145(H) \times 306(D)$ mm (without feet and handles,legs,etc.)
AC100V \pm 10% 50/60Hz
(AC 117V / 220V / 240V Option)
6.8kg approx.

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



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