

IMPROVED!

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Resistance Checker for Taping Sorting Machines

Model 7101

Display	$\pm 99.9\%$
Range	100m Ω ~100M Ω (0~999m Ω)
Resolution	HI/GO/LO LED & Buzzer
Power save system	Protect Probe & object to be measured



RST
ENGINEERING
Realize New Era
of
LCR Measurement

RST ENGINEERING CO., LTD
KYOTO JAPAN

Resistance Checker

for Taping or Sorting Machines

Model 7101

Power save measurment system

Power save function which open circuit at only the time of measurment.
Can be minimized measuring error by increasing of temperature etc.

Measuring speed changeover system

Fast = approx. 12msec Slow = approx. 20.5msec

Electronic button

Applied Electronic buttons for operation setting instead of Mechanical push in type.
Few troubles.

Specifications

Measuring range & Accuracy (Accuracy figures are at 23 ± 5)

Standard set value	Current	Display limit	Accuracy	
			SLOW	FAST
100m ~ 999m	100mA	± 99.9 %	Within ± 0.3% ± 1 digit	Within ± 0.3% ± 2 digit
1.00 ~ 9.99	100mA		Within ± 0.2% ± 1 digit	Within ± 0.2% ± 2 digit
10.0 ~ 99.9	10mA			
100 ~ 999	5mA			
1.00k ~ 9.99k	500μA			
10.0k ~ 99.9k	50μA		Within ± 0.3% ± 1 digit	Within ± 0.6% ± 2 digit
100k ~ 999k	5μA			
1.00M ~ 9.99M	0.5μA		Within ± 0.3% ± 1 digit	Within ± 0.6% ± 2 digit
10.0M ~ 100M	0.05μA	0 ~ 999m	Within ± 0.2% ± 1 digit	Within ± 0.2% ± 2 digit
(m check)	100mA		Within ± 0.2% ± 1 digit	Within ± 0.2% ± 2 digit

= (M setting value / 100) + 3 %

Remarks : In case of FAST Mode, though can measure, we do not guarantee accuracy at STANDARD set value [10M ~ 100M] range.

Measuring time

Frequency	Remote start		Free Running	
	FAST	SLOW	FAST	SLOW
60Hz	12 msec	20.5msec	30times per sec	30times per sec
50Hz	13.5msec	24 msec	25times per sec	25times per sec

* In case of attachment of Contact Check function as option, measuring time of Remote Start at working are added each 1.5 msec of Before and After Contact Check workings.

Measuring way

4 terminals measurement below 99.9

2 terminals measurement 100k over & Contact check on or off.

Judgement setting limit

Both upper / low limit ± 0.00 % ~ ± 9.99 % (m check is 000 m ~ 999 m)

Input / Output signal (Photo - isolation)

Input signal = START, HOLD

Output signal = HI / GO / LO (judged result)

EOC (Measurment finish)

Ambient Temperature 0 ~ + 50

Humidity below 85 %

Outer dimensions 250 (W) × 85 (H) × 345 (D) mm

Power Supply AC100V / 117V / 220V / 240V 50Hz / 60Hz approx. 30VA

Weight 4kg approx.

Option

Contact Check Function RS-232C

PRINTER output



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