

120Hz Capacitance Checker

for Soating & Taping Machine of Alminum Electrolytic or Tantalum Condensors etc.

Model 6621

Measuring range : 100nF ~ 10mF
Display limit : -79.9% ~ -99.9%
Measuring time : Remote start 22msec



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RST ENGINEERING CO., LTD

KYOTO, JAPAN

120Hz Capacitance Checker Model 6621

Measuring capacitance value of Electrolytic Condensers, select Good or Not.

After deviation measurement between set center value of measuring Condensers and value of Condensor connected to measuring terminal, display measured value in 3 figures percent.

At the same time, by Comparator built in, display and output judgement result as good or not.

Confirmation & Display function of Standard.
Comparator setting value.

When changed Standard, $\pm$ Limit set value, it's value can be shown on Display part at real time for confirmation.

Data output

Measured value BCD parallel output

External Bias

Applied Voltage : 0V ~ +25V max

Measuring range : 100nF ~ 10mF

Display limit : -79.9% ~ +99.9%

Comparator setting limit : -79.9% ~ +99.9%

Specifications

Measuring limit & accuracy (value at 23 $\pm$ 5)

Range	Standard value setting limit	Measuring Voltage	Display	Accuracy
1 μ F	100nF ~ 999nF	50mV rms	+99.9% ~ -79.9%	within $\pm 0.3\% \pm 1$ digit
10 μ F	1 μ F ~ 9.99 μ F			
100 μ F	10 μ F ~ 99.9 μ F			
1mF	100 μ F ~ 999 μ F	5 ~ 50mV rms		within $\pm 0.5\% \pm 1$ digit
10mF	1mF ~ 9.99mF	under 50mV		

D < 0.5series parallel circuit

Measuring Frequency 120Hz $\pm 0.1\%$, Sine wave.

Measuring way 5 terminals measurement way by Current, Voltage & Guard Terminal.

Measuring time Remote start 22msec
Free running approx. 40 times/sec.

Comparator setting Low limit -79.9% High limit +99.9%

Comparator judgement [HI][LO][GO] LED display & output Buzzer sound output.

In-Output signal..... Input Signal = Remote start input, Comparator reset input.

Output Signal = HI,GO,LO judged result
Opencollector output max. 50V,100mA

EOC : Opencollector output max. 50V,100mA
Negative pulse width 10msec approx.

BCD output

External Bias applying Voltage..... DC 0V ~ +25V max.

Ambient condition Temp. : 0 ~ +40 Humidity : below 85 %

Dimensions..... 255(W) $\times$ 90(H) $\times$ 255(D)mm
(excluding protruding parts such as rubber)

Power supply AC100V / 117V / 220V / 240V $\pm 10\%$ 50/60Hz. approx.20VA

Weight approx. 3.8kg

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



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