

120Hz 3 1/2 digital display
Capacitance Meter

RST
ENGINEERING

Model 6631

- ★ Low cost
- ★ High speed measuring time
- ★ Confirmation of Comparator setting value at Display



RST
ENGINEERING
Realize New Era
of
LCR Measurement

RST ENGINEERING CO., LTD
KYOTO JAPAN

120Hz Capacitance Meter

Model 6631

Model 6631 is for measuring Capacitance value of Electrolytic Capacitors and select good or no good of them.

Measuring absolute value of Capacitors connected to measuring terminal, display good or no good and output judged results.

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 : 0 ~ 10mF

Display limit : 100 ~ 1999

Comparator setting limit : -1999 ~ +1999

Specifications

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

Range	Measuring range	Measuring Voltage	Accuracy
1 μ F	0 ~ 1999nF	50mV rms	within $\pm 0.3\% \pm 1$ digit
10 μ F	0 ~ 19.99 μ F		
100 μ F	0 ~ 199.9 μ F		
1mF	0 ~ 1999 μ F	5 ~ 50mV rms	within $\pm 0.5\% \pm 1$ digit
10mF	0 ~ 10.00mF	under 50mV	

D < 0.5 series 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 25msec
Free running approx. 25 times/sec.

Comparator setting Low limit 100 ~ 1999 Upper limit 100 ~ 1999

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.



RST ENGINEERING CO.,LTD.

HEAD OFFICE

NO.382, NISHIKANAGASAKI, KANSHUJI,
YAMASHINA-KU, KYOTO, 607-8221 JAPAN

TEL(075)501-5501 FAX(075)501-7091

E-mail info@rst-eng.co.jp

URL http://www.rst-eng.co.jp/