

# Capacitance LC Checker

## LC Measurement of Electric Capacitor

### *Model 1011A*

- ◆ Measurement range : -999nA~1999 $\mu$ A
- ◆ Excessive leak current(over LC) measurement function
- ◆ Built in PRINTER output(conform to CENTRONICS)
- ◆ High speed Integral type A/D convert system
- ◆ Micro-processor built in
- ◆ Equipped Contact Check function as standard



**RST ENGINEERING CO., LTD**

KYOTO JAPAN

# LC Measuring Checker of Electrolytic Capacitors Model 1011A

Measuring leak current of Electrolytic Capacitors at high speed, high accuracy and high stability, sort as good or not by setting of Comparator and output judged result.

At every judgements, all measured data can be printed by PRINTER output equipped as standard. Furthermore, can be made reliable measurement by Contact Check function built in.

## Specifications

### Measurement range & accuracy (at 23 °C ± 5 °C)

Range	Measuring limit	Accuracy
200 nA	-19.9 nA ~ 199.9 nA	within ±0.2% rdg ± 10 digit
2 μA	-199 nA ~ 1999 nA	within ±0.1% rdg ± 1 digit
20 μA	-1.99 μA ~ 19.99 μA	
200 μA	-19.9 μA ~ 199.9 μA	
2 mA	-199 μA ~ 1999 μA	
OVER LC	10 μA ~ 199 μA	within ±3 μA

Measurement way

2 terminals

Measurement time

30 msec

Measurement value setting limit

LC -199 ~ 1999

OVER LC 10 μA ~ 199 μA

Ambient condition

Temperature 10 °C ~ 35 °C

Humidity below 85%

Power supply

AC 100V / 117V / 220V / 240V ±10% 50/60Hz. approx.20VA

Dimensions

250(W) × 85(H) × 244(D) mm

### Connector signal

Signal designation	Pin No	Specifications (DDK57-40240)	
LO-GO	1	ON when leak current is good	Open-collector output max.40V, 200mA below ON voltage 1V
Over LC	3	ON when excessive leak current is NG	
Contact error	5	ON when contact error of measurement terminal	
LC-Err	7	ON when leak current is inferior	
M.GO	8	ON when meter is normal	
START Input	10	Open-collector (When V, 0V → 24V) "L" → "H" start at rising I <sub>sink</sub> = 4.6mA	
PRINT request	11	Open-collector (When V, 24V → 0V) "H" → "L" start at rising I <sub>sink</sub> = 4.6mA Printing of measured data at every measurement	
+24V	13	Connect exterior power over +24V, 60mA	
0V	14	Connect 0V of exterior power	

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



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