% checker

RST ENGINEERING

Standerd equipment of PRINTER output,
RS-232C corresponding model.

120Hz Capacitance Checker

Model 6021

Measuring range 100nF～10mF
Display range －79.9%～－99.9%
measuring time : Remote Start 25msec

For Taping/Sorting Machine of Alminum
Electrolytic Capacitors、Tantalum Capacitors etc.

RST ENGINEERING CO.,LTD

KYOTO, JAPAN

120Hz Capacitance Checker Model 6021

Model 6021measures capacitance Value of Electrolytic Capacitor and sort good or not. After measuring Deviation value between pre-set center value of the object to be measured and measured value of the object. connected to measuring terminal, display as percent of 3 digits. At the same time, output judged result as HI/GO/LO by Comparator bult in.

Possible Remote Control by exclusive I/O terminal

Connecting to outside Micro－Computer or Progrm Controller, possible full Remote Control of the main instrument by controlling I/O Connector. Also, possible independent setting of each INT or EXT.

Standard equipment of PRINTER output (Centronics)

Print out of measured data & Comparator judged result at setting of Free Running mode & Hold mode

Data output

Parallel output of measured value BCD

☆ Measuring range：100nF～10mF

☆ Measurement display range：－79.9%～＋99.9%

☆ Comparator setting range：－79.9%～＋99.9%

☆ Setting way : By setting Key Switch of Front Panel

Specifications

Measuring range & Accuracy (Accuracy : at 23℃±5℃)

Range	Standard value setting	Measuring Voltage	Display	Accuracy
1 μF	100 nF～999 nF	50mV rms	+99.9% ～－79.9%	within ±0.3% ±1 digit
10 μF	1 μF～9.99 μF			
100 μF	10 μF～99.9 μF			
1 mF	100 μF～999 μF	5～50mV rms		
10 mF	1 mF～9.99 mF	below50mV		within ±0.5% ±1 digit

D＜0.5 Serial Equivalent Circut

Measuring Frequency	120Hz±0.1%　Sine wave
Measuring way	5 terminal measurement by Volt/Current guard terminal
Measuring time	Remote start ･･･････ 25msec　Free running ･･･････ 5 times/sec approx.
Comparator setting	Low　－79.9%　Upper　＋99.9%
Measuring Frequency	120Hz±0.1%　Sine wave
Measuring time	Remote start ･･･････ 25msec　Free running ･･･････ 5 times/sec approx.
Comparator result	HI/LO/GO　LED display & output
Input/Output signal	Input＝Remote start, Exterior Hold, Comparator re-setting Output＝HI, LO, GO judged result, opencollector, max.50V, 100mA, EOC：opencollector output max.50V, 100mA, negative pulse width 10msec approx. BCD output, Printer output (Centronics)
Exterior Bias applied voltage	DC 0V～＋25V max.
Ambient temp.	0℃～＋40℃　Humidity：below 85%
Outer dimention	300(W)×85(H)×244(D)mm
Power supply	AC 100V/117V/220V/240V ±10% (changeover) 50Hz/60Hz Approx.20VA
Weight	Approx. 4kg

Option : RS-232C

※ For improvement, subject to change design or specifications without notice.

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