

**Model AE-323A High Speed Type • 1kHz Digital Capacitor Checker**

Optimum for the use on a taping machine for Film Condenser and Ceramic Condenser.

- Measuring range: 10pF ~ 9.99  $\mu$ F /  $\pm$ 99.9%
- 5-Terminal measurement.
- High speed integration method measurement.
- Measuring value is displayed in percentage against the reference capacitance value set Digitally and comparison result by built-in comparator is displayed as -NG, GO, +NG by LED and buzzer.
- BCD parallel out available.
- External DC bias possible(max.DC25V)

**AEMIC CORPORATION,**

**NEW!****AE·MIC**  
AEMIC CORPORATION**Model AE-323A High speed type • 1kHz digital capacitor checker****SPECIFICATIONS**

Measuring range and accuracy (at 23°C±5°C) D&lt;0.5 series equivalent circuit.

Range No.	Measuring range	Test voltage	Accuracy
0	10pF ~ 99.9pF	1V(r.m.s) approx.	within ±0.25% ±0.25p ±1 digit
1	100pF ~ 999pF		
2	1nF ~ 9.99nF		
3	10nF ~ 99.9nF		
4	100nF ~ 999nF		
5	1 μF ~ 9.99 μF		

Measuring method:	5-terminal measuring method, parallel equivalent circuit.
Measuring frequency:	1kHz ±0.1%, sine wave form.
Stray capacitance cancel range:	10pF approx.
Measuring time:	【in case of remote start mode】 about 3.2msec. 【in case of free running mode】 about 68time/sec.
Display of measured value:	±99.9%
Comparator setting range:	Upper limit : 0.0%~+99.9%, Lower limit : 0.0%~-99.9%
Display of comparison result by comparator:	LED display of -NG/GO/+NG, and buzzer.
Input and output signal:	Remote start input : 0~+12V or open collector. Comparison result output[LO/GO/HI] : open collector [max.80V/100mA] End of measurement output[EOC] : open collector [max.80V/100mA] BCD parallel output of measuring value : TTL fan out 2
Operating condition:	Temp. : 0°C~+50°C, Humidity : below 85%
Power supply:	AC85V~265V, 50~60Hz, about 15VA
Outer dimension:	250(W)×89(H)×250(D)mm (excluding protruding parts such as rubber legs, etc.)
Weight:	2kg approx.

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