

Model **AE-3122A** High Speed Type • 120Hz Digital Capacitor Checker

Optimum for the use on a taping machine for Aluminium Electrolytic Condenser and Tantalum Condenser.

- Measuring range: 100nF ~ 9.99mF / -79.9% ~ +99.9%
- 4-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-3122A High speed type • 120Hz digital capacitor checker****SPECIFICATIONS**

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

Range No.	Measuring range	Test voltage	Accuracy
1	100nF ~ 999nF	within 100mV (r. m. s)	within±0.25%±1digit
2	1 μF ~ 9.99 μF		
3	10 μF ~ 99.9 μF		
4	100 μF ~ 999 μF		
5	1mF ~ 9.99mF		within±0.5%±3digit

Measuring method:	4-terminal measuring method、serial equivalent circuit.
Measuring frequency:	120Hz±0.1%, sine wave form.
Measuring time:	【in case of remote start mode】 about 25msec. 【in case of free running mode】 about 37.5time/sec.
Display of measured value:	-79.9%~+99.9%
Comparator setting range:	Upper limit : 0.0%~+99.9%, Lower limit : 0.0%~-79.9%
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 20VA
Outer dimension:	250(W)×89(H)×250(D)mm (excluding protruding parts such as rubber legs, etc.)
Weight:	2kg approx.

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