

## Model **AE-363D** Ultra High Speed and High Accuracy, 1kHz Digital Capacitor Checker

Optimum for the use on taping machine for chip and MELF type capacitor.

- Ultra-high speed : 1msec【TYP】
- Range of measurement : 20pF~200μF
- Contact checking function as standard.
- RS-232C and Centronics interface are built-in as standard equipment.【GP-IB is option】
- Measuring frequency : 1kHz±0.1%(Sine wave)



# AEMIC CORPORATION,

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## SPECIFICATIONS

Measuring range and Accuracy :  $D < 0.5$  (at  $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ )

Range	Accuracy	Measuring voltage
20pF	within $\pm 0.2\%$ of rdg $\pm 3$ digit	about 1 V
200pF	within $\pm 0.2\%$ of rdg $\pm 2$ digit	
2nF		
20nF		
200nF		
2μF		
20μF	within $\pm 0.5\%$ of rdg $\pm 3$ digit[100μF $\geq$ ] within( $\pm 0.5\%$ of rdg $\pm 3$ digit) $\times$ Measuring value/100[100μF $<$ ]	below 1 V
200μF		

Measuring method :	5-terminal measurement, parallel equivalent circuit
Measuring frequency :	1kHz $\pm 0.1\%$ 、Sine wave
Stray capacity cancel range :	about 20pF
Full scale and zero temp. coefficient :	within $\pm 100\text{ppm}/^{\circ}\text{C}$
Comparator setting range :	1999 both for HI and LO
Measuring time :	【Remote start】 1.9msec.~11.5msec. 【Free running】 5~14times/sec.
Operation condition :	【Temp.】 $0^{\circ}\text{C} \sim +50^{\circ}\text{C}$ 、【Humidity】 below 85%
Power supply :	AC85V~265V、50~60Hz、about 60VA
Outer dimension :	333(W) $\times$ 99(H) $\times$ 300(D)mm [excluding protruding parts such as rubber legs, etc.]
Weight :	about 4kg
Option :	GP-IB Interface

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