

Model

AX-363D CE Ultra High Speed and High Accuracy,
Key Switch Type 1kHz Digital Capacitance Checker

Best suitable for chip, melf, and taping machine of lead type condenser



- CE marking
- Contact-check is equipped as standard function
- During the measurement time: 1.2msec.
- Wide measurement range from micro capacity to large capacity (range 20pF~200 μ F)
- Measurement frequency: 1kHz \pm 0.1% (SINE wave)
- 5-terminal measurement method
- HI/LO/GO output installed microprocessor
- 3½Digit (1999) Digital display
- By either GP-IB or RS-232C, all the functions are remote-controllable(option)
- The built-in printer output (based on Centronics)
- Can be printed such as measuring value, σ , 3 σ , max, min, date, time while measurement

Specifications

Measuring range and Accuracy (at23°C \pm 5°C) *D<0.1 parallel equivalent circuit

Test Current	Standard accuracy	Measuring voltage
20pF	within $\pm 0.25\%$ of rdg \pm 2digit \pm 0.01pF	1V
200pF		
2nF		
20nF		
200nF		
2 μ F		
20 μ F	within $\pm 0.2\%$ of rdg \pm 2digit	less than 1V
200 μ F		
200 μ F	within $\pm 0.8\%$ of rdg \pm 3digit [\times within 100 μ F]	

*More than 100 μ F is ($\pm 0.8\%$ of rdg \pm 3digit) \times measurement value [μ F]/within 100

Measuring method	5-terminal measurement, parallel equivalent circuit
Measuring frequency	1kHz \pm 0.1%, SINE wave
Stray capacity correcting range	about 20pF
Full scale and zero temp. coefficient	within ± 100 ppm/ $^{\circ}$ C
Measuring time	[Remote start mode] 1.2msec.
	[Free running] 5~10 times per second
Comparator set range	1999 both HI and LO
Operation condition	[Temp.] 5 $^{\circ}$ C~+40 $^{\circ}$ C [Humidity] less than 85%
Power supply	AC100V~240V selectable, 50/60Hz, about 30VA
Outer dimension	about 333 (W) \times 99 (H) \times 300 (D) mm (excluding protruding parts such as rubber legs, etc.)
Weight	about 5.8kg

Option

- GP-IB Interface
- RS-232C Interface

*Either one interface can built-in the option above.