

*For tip type capacitor taping machine*

*1kHz Capacitance Meter*

*(Absolute value measurement)*

*High speed, High accuracy* **Model 6062**

*Masuring Limit 0 ~ 199.9  $\mu$ F*

- |                                  |                   |
|----------------------------------|-------------------|
| ◆ Measured value display         | 3 1/2 digit       |
| ◆ Measuring limit                | 0 ~ 199.9 $\mu$ F |
| ◆ Auto stray correcting function | approx. 18pF      |
| ◆ Integral time                  | approx. 2msec     |
| ◆ Operation time                 | approx. 3msec     |



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KYOTO, JAPAN

**Measuring capacitance absolute value up to 199.9  $\mu$ F, sort good or not good and display or output judged result by Comparator built in.**

**Measuring limit :** 0 ~ 199.9 $\mu$ F 3 1/2 digit display

**Auto Stray correcting function :** Pushing key switch, correct stray capacitance automatically  
Correction limit : approx.18pF

**Super high speed measurement :** 3 msec (Fast2) 5 msec (Fast1) 11 msec (Slow)

**Setting way by Key input :** Each setting are made by key switch at front of panel

## Specifications

Measuring limit & accuracy (at 23°C  $\pm$ 5°C)

Range	Setting limit	Measuring voltage	Accuracy	
			SLOW	FAST
20 pF	0 ~ 19.99 pF	approx. 1V	within $\pm 0.2\% \pm 3$ digit	within $\pm 0.2\% \pm 3$ digit
200 pF	0 ~ 199.9 pF		within $\pm 0.2\% \pm 2$ digit	within $\pm 0.2\% \pm 2$ digit
2000 pF	0 ~ 1999 pF			
20 nF	0 ~ 19.99 nF			
200 nF	0 ~ 199.9 nF			
2 $\mu$ F	0 ~ 1.999 $\mu$ F			
20 $\mu$ F	0 ~ 19.99 $\mu$ F	Under 1V	within $\pm 0.5\% \pm 3$ digit (within 100 $\mu$ F)	within $\pm 0.5\% \pm 3$ digit (within 100 $\mu$ F)
200 $\mu$ F	0 ~ 199.9 $\mu$ F			

[ D < 0.5 Parallel equivalent circuit ]

Accuracy at 200 $\mu$ F range [ Parallel equivalent circuit ], over 100 $\mu$ F is 2 times of the above figures

**Measurement Frequency** 1kHz  $\pm$  0.1% sine wave

**Measuring method** 5 terminal measurement Parallel equivalent circuit

**Measuring time**

	Remote start			Free running
	Integral time	Operation time	Measuring time	
SLOW	approx.10msec	approx.11msec	approx. 13msec	approx. 11 times/sec.
FAST1	approx. 4msec	approx. 5msec	approx. 7msec	
FAST2	approx. 2msec	approx. 3msec	approx. 5msec	

Operation time means the time from input of start signal to EOC signal

**Temp. characteristic** Within  $\pm$  100 ppm/ $^{\circ}$ C

**Comparator setting limit** 0 ~ 1999 for both LO & HI

**Comparator judged result** [LO] red [GO] green [HI] red LED display

**Stray Capacitance correction limit** approx.18pF (auto-correction)

**Input/output signal** Input signal=Remote start input, Remote hold input  
output signal=LO,GO,HI & EOC open-collector output

**External Bias apply Voltage** DC 0V ~ +25V max

**Operating ambient** Temperature 0 ~ 40 Humidity below 85%

**Dimensions** 300(W)  $\times$  110(H)  $\times$  271(D) mm

**Power supply** AC 100V / 117V / 220V / 240V  $\pm$  10% 50 / 60Hz approx.20VA

Specifications and design are subject to change without notice for improvement.



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