

An ISO 9001:2008 Company

FEATURES :

- 0.1 mA Current Resolution.
- True RMS Measurement for all applications.
- LED Backlight function.
- MAX MIN measurement function.
- Data Hold function & Zero function.
- CAT IV 300V.
- Auto Power Off.
- Autoranging.

GENERAL SPECIFICATIONS :

- Display : 4 Digit 5000 counts liquid crystal LCD display.
- Jaw size : 23mm.
- Sampling rate : 2 times/sec.
- Operating Temperature & Humidity : 0 ~ 40°C (32 ~ 104°F); < 80% RH.
- Storage Temperature & Humidity : -10 ~ 60°C (14 ~ 140°F); < 80% RH.
- Low battery indication.
- Continuity < 100Ω.
- Auto power off 30 minute.
- Power Supply : 1.5V AAA battery x 2.
- Dimension : 206(L) x 76(W) x 33.5(H)mm
- Weight : Approx. 270g.
- Accessories : Test lead, User manual, Batteries & Carrying case.

ELECTRICAL SPECIFICATIONS :

DC CURRENT

Range	Resolution	Accuracy
300.0 mA	0.1 mA	
3000 mA	1 mA	± (1%rdg + 10dgts)
10.00 A	0.01 A	

AC CURRENT

Range	Resolution	Accuracy
300.0 mA	0.1 mA	
3000 mA	1 mA	± (1%rdg + 5dgts)
20.00 A	0.01 A	



DC VOLTAGE

Range	Resolution	Accuracy
50 V	0.01 V	$\pm (1\%$ rda ± 2 date)
300 V	0.1 V	± (1/010g + 20gis)

AC VOLTAGE

Range	Resolution	Accuracy
50 V	0.01 V	+ (1%rda + 5date)
300 V	0.1 V	

OHM

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Range	Resolution	Accuracy
500 Ω	0.1 Ω	
5 ΚΩ	1 Ω	+ (1%rda + 2dats)
50 KΩ	10 Ω	
500 KΩ	100 Ω	

Preliminary Data

All Specifications are subject to change without prior notice.



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Model KM 2006

AC/DC TRMS LEAKAGE

CLAMPMETER

LIST OF PRODUCTS

- * Digital Multimeter
- * Digital AC & AC/DC Clampmeter
- * AC Clamp Adaptor
- * AC/DC Current Adaptor
- Transistorised Electronic Analog & Digital Insulation Resistance Testers
- * Digital Sound Level Meter & Sound Level Calibrator
- * Digital contact & Non-contact Type Tachometer
- * Digital Non-contact (infrared) Thermometer
- * Thermo Hygrometer
- * Thermo Anemometer
- * Wood Moisture Meter
- * Distance Meter
- * Digital Hand Held Temperature Indicators
- * Digital Lux Meter
- * Network Cable Tester
- * Power Factor Regulator
- * Maximum Demand Controller/Digital Power Meter

kusam-meco

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KUSAM-MECO

MILLIAMP CLAMP METER

KM-2006

OPERATION MANUAL





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(KUSAM-MECO)
Do not operate the tester if the body of meter or the test lead look broken.
Check the main function dial and make sure it is at the correct position before each measurement. Do not perform resistance and continuity test on a live power system
Do not apply voltage between the test terminals and test terminal to ground that exceed the maximum limit record in this manual.
Keep the fingers after the protection ring when mea- suring through the test lead.
Chang the battery when the ⊡symbol appears to avoid incorrect data.
Environment Conditions
Operation Temperature : 0°C to 40°C (32°F to 104° F);<80%RH
Storage Temperature : -10°C to 60°C (14°F to 140° F);<80%RH
Explanation Symbols
 ▲ Attention refer to operation Instructions. ☑ Dangerous voltage may be present at terminals. ☑ This instrument has double insulation.
Approvals: C C En61010 300V CAT IV
2. GENERAL SPECIFICATIONS
Digital Display : 4 digital liquid crystal (LCD), Maximum reading 5000.
Polarity : When a negative signal is applied, the e signal appears.

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	KUSHIII-IIIELI	U
Low Battery Inc	dication : When the	e battery is under
LCD display.	allon range, 💶 🕂 wiii	appear on the
Sample Rate : 2	2 times/sec for digit	al data.
Power Source:	1.5V size AAA batt	ery X 2
Typical battery L Type: 15 hours :	_ife: (without buzze at DCA function;	r, backlight)
00 hours at ACA 00 hours at DC Auto Power Of	A and ACV function: CV and Ohm function f : If there is no key	n. or dial operation
or 30 minutes, f attery consump by press and ho unit on	the meter will power ption. This function Id the HOLD " butto	r itself off to save can be disabled n then power the
werload: Whe	on the signal larger th	an the maximum
ill be show DL.		
Maximum jaw o	opening:Ø23mm	
imensions: 20	06 x 76 x 33.5 mm	
leight: 262g	(with battery)	
cessories: C struction Manu	Carrying case. Batte ual.	ries, Test Lead &
ELECTRICA	L SPECIFICATION	
ccuracy sp ding + digi	pecification is define it) At 23±5°C,≦80	ed as ± (percent %RH.
Direct Volta	de	
Range 0V / 300V	Resolution 0.01V/0.1V	Accuracy 1.0% + 2dgts
nput impedance	e: 1 MΩ	
	2	





(KUSAM-MECO) =

5. BUTTON INSTRUCTION

5-1. HOLD Function

It is possible to freeze the value displayed by pressing on the "HOLD" button.

Press the "HOLD" button again to exit the Hold mode.

5-2. MAX/MIN Function

When the "MAX/MIN" button is pressed, the meter enter MAX/MIN mode.

Press the button, to read MAX, MIN sequence. Press the button for 1 sec. or more to exit the MAX/MIN mode.

When you turn the rotary switch on the Continuity Test.

Press the **"MAX/MIN"** button to select Resistance measurement,

Press the **"MAX/MIN"** button again to select continuity test with buzzer.

5-3. ZERO Function

Press "ZERO" button to enter the Zero mode, ZERO Annunciate will appear and Zero the display. The reading is stored as reference value for subsequent measurement.

5-4 BACKLIGHT Function

To disable the function, the button is pressed again. The backlight will be automatically turned off about 30 seconds after it turned on.

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6. MEASURING INSTRUCTION

Open the clamp by pressing the jaw-opening handle and insert the Cable to be measured into the jaw. Close the clamp and get the reading from the LCD panel.

Note :

Before this measurement, disconnect any test lead with the meter for safety.

In some cases where reading is difficult, press the HOLD button and read the result later.









