KUSAM-MECO®

An ISO 9001:2015 Company

25000 COUNTS TRMS DIGITAL MULTIMETER MODEL- KM 405 MK-II

THINK SAFETY
THINK KUSAM-MECO®

GENERAL SPECIFICATIONS

- **Manual range**
- **True RMS measurement**
- **250MΩ large resistance measurement**
- **25000 counts high-precision display**
- **100mF high capacitance measurment**
- **Auto power off**
- **Combined AC+DC voltage measurement**
- **NCV inductive electricity measurement function**
- **20A current measurement**
- **Voltage / Resistance / Frequency / Diode / Duty Cycle / Temperature / Continuty**
- **Current input misoperation indication**
- **Flashlight**
- **Large screen with three displays (main display / auxiliary display / analog bar)**
- **Low resistance voltage measurement**
- **Maximum and minimum value**
- **Data Hold & Backlight**
- **Low battery indication**
- **Power Supply :** 1.5V AA Battery × 3pcs
- **Dimension :** 180 × 90 × 50mm
- **Weight :** Approx. 384g (without battery)

NEW

CAT III 1000V
CAT IV 600V



Preliminary Data



TECHNICAL SPECIFICATIONS KM-405MK-II

DC VOLTAGE

Range	Resolution	Accuracy
25.000mV	0.001mV	± (0.2%rdg + 10dgts)
250.00mV	0.01mV	
2.5000V	0.0001V	± (0.05%rdg + 3dgts)
25.000V	0.001V	
250.00V	0.01V	
1000.0V	0.1V	

AC VOLTAGE

Range	Resolution	Accuracy
25.000mV	0.001mV	± (0.3%rdg + 3dgts)
250.00mV	0.01mV	
2.5000V	0.0001V	
25.000V	0.001V	
250.00V	0.01V	
750.0V	0.1V	

AC+DC VOLTAGE (DC)

Range	Resolution	Accuracy
2.5000V	0.0001V	± (0.5%rdg + 3dgts)
25.000V	0.001V	
250.00V	0.01V	
1000.0V	0.1V	

AC+DC VOLTAGE (AC)

Range	Resolution	Accuracy
2.5000V	0.0001V	± (1.0%rdg + 3dgts)
25.000V	0.001V	
250.00V	0.01V	
750.0V	0.1V	

AC+DC VOLTAGE (AC+DC)

Range	Resolution	Accuracy
2.5000V	0.0001V	± (1.5%rdg + 3dgts)
25.000V	0.001V	
250.00V	0.01V	
1000.0V	0.1V	

All Specifications are subject to change without prior notice

TECHNICAL SPECIFICATIONS KM-405MK-II

DC CURRENT

Range	Resolution	Accuracy
250.00µA	0.01µA	± (0.5%rdg + 3dgts)
2500.0µA	0.1µA	
25.000mA	0.001mA	
250.00mA	0.01mA	
2.5000A	0.0001A	
20.000A	0.001A	

AC CURRENT

Range	Resolution	Accuracy
250.00µA	0.01µA	± (0.8%rdg + 3dgts)
2500.0µA	0.1µA	
25.000mA	0.001mA	
250.00mA	0.01mA	
2.5000A	0.0001A	
20.000A	0.001A	

FREQUENCY

Range	Resolution	Accuracy
250.00Hz	0.01Hz	± (0.1%rdg + 2dgts)
2.5000KHz	0.0001KHz	
25.000KHz	0.001KHz	
250.00KHz	0.01KHz	
2.5000MHz	0.0001MHz	
10.000MHz	0.001MHz	

RESISTANCE

Range	Resolution	Accuracy
250.00Ω	0.01Ω	± (0.5%rdg + 3dgts)
2.5000kΩ	0.0001kΩ	± (0.2%rdg + 3dgts)
25.000kΩ	0.001kΩ	
250.00kΩ	0.01kΩ	
2.5000MΩ	0.0001MΩ	± (1.0%rdg + 3dgts)
25.00MΩ	0.01MΩ	
250.0MΩ	0.1MΩ	± (5%rdg + 5dgts)

CAPACITANCE

Range	Resolution	Accuracy
9.999nF	0.001nF	± (5.0%rdg + 20dgts)
99.99nF	0.01nF	± (2.0%rdg + 5dgts)
999.9nF	0.1nF	
9.999µF	0.001µF	
99.99µF	0.01µF	
999.9µF	0.1µF	
9.999mF	0.001mF	± (5.0%rdg + 5dgts)
99.99mF	0.01mF	± (5.0%rdg + 20dgts)

TEMPERATURE

Range	Resolution	Accuracy
(-20~1000)°C	1°C	± (3%rdg + 5dgts)
(-4~1832)°F	1°F	

DUTY CYCLE

Range	Resolution	Accuracy
1%~99%	0.1%	± (0.1%rdg +2dgts)

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01-2024