

Code: MM-UA6

## UNIVERSAL METER **MM-UA6** UYIGAO

Net: **11.15 EUR** Gross: **11.15 EUR**

MM-UA6 is a universal digital meter used to measure: voltage, resistance, capacity, temperature and checking the correct operation of diodes. The meter has the function of automatic change of measuring ranges. Additionally, the MM-UA6 has an electric field detection (NCV) function.

The kit includes a thermocouple of type "K" (chromel/alumel).



### SPECIFICATION

|                                            |                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DC voltage measurement:                    | 6 V $\pm$ (0.5%) @ 0.001 V ,<br>60 V $\pm$ (0.5%) @ 0.01 V ,<br>400 V $\pm$ (0.8%) @ 0.1 V                                                                                                                                                                                                         |
| AC voltage measurement:                    | 6 V $\pm$ (0.8%) @ 0.001 V ,<br>60 V $\pm$ (0.8%) @ 0.01 V ,<br>400 V $\pm$ (1.0%) @ 0.1 V                                                                                                                                                                                                         |
| DC current measurement:                    | —                                                                                                                                                                                                                                                                                                  |
| AC current measurement:                    | —                                                                                                                                                                                                                                                                                                  |
| Resistance measurement:                    | 600 $\Omega$ $\pm$ (0.8%) @ 0.1 $\Omega$ ,<br>6 k $\Omega$ $\pm$ (0.8%) @ 0.001 k $\Omega$ ,<br>60 k $\Omega$ $\pm$ (0.8%) @ 0.01 k $\Omega$ ,<br>600 k $\Omega$ $\pm$ (0.8%) @ 0.1 k $\Omega$ ,<br>6 M $\Omega$ $\pm$ (1.2%) @ 0.001 M $\Omega$ ,<br>20 M $\Omega$ $\pm$ (1.2%) @ 0.01 M $\Omega$ |
| Capacitance measurement:                   | 60 nF $\pm$ (3.0%) @ 0.01 nF ,<br>600 nF $\pm$ (3.0%) @ 0.1 nF ,<br>6 $\mu$ F $\pm$ (3.0%) @ 0.001 $\mu$ F ,<br>60 $\mu$ F $\pm$ (3.0%) @ 0.01 $\mu$ F ,<br>600 $\mu$ F $\pm$ (3.0%) @ 0.1 $\mu$ F ,<br>6 mF $\pm$ (3.0%) @ 0.001 mF ,<br>60 mF $\pm$ (5.0%) @ 0.01 mF                             |
| Inductance measurement:                    | —                                                                                                                                                                                                                                                                                                  |
| Frequency measurement:                     | 10 Hz $\pm$ (0.8%) @ 0.01 Hz ,<br>100 Hz $\pm$ (0.8%) @ 0.1 Hz ,<br>1 kHz $\pm$ (0.8%) @ 0.001 kHz                                                                                                                                                                                                 |
| Square-wave signal duty ratio measurement: | —                                                                                                                                                                                                                                                                                                  |

|                                       |                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pulse width measurement:              | —                                                                                                                                                                                                                                                                                                                           |
| Temperature measurement:              | <ul style="list-style-type: none"> <li>• °C</li> <li>0 ... 300 °C ± (1.0%) @ 1 °C</li> <li>301 ... 1000 °C ± (1.0%) @ 1 °C,</li> <li>• °F</li> <li>32 ... 600 °F ± (1.2%) @ 1 °F</li> <li>601 ... 1832 °F ± (1.9%) @ 1 °F</li> </ul>                                                                                        |
| Automatic change of measuring ranges: | ✓                                                                                                                                                                                                                                                                                                                           |
| hFE:                                  | —                                                                                                                                                                                                                                                                                                                           |
| Diode test:                           | ✓                                                                                                                                                                                                                                                                                                                           |
| Sound signal of the continuity test:  | ✓                                                                                                                                                                                                                                                                                                                           |
| Checking TTL logic states:            | —                                                                                                                                                                                                                                                                                                                           |
| RS-232:                               | —                                                                                                                                                                                                                                                                                                                           |
| USB:                                  | —                                                                                                                                                                                                                                                                                                                           |
| Main features:                        | <ul style="list-style-type: none"> <li>• NCV - electric field detection function,</li> <li>• Flashlight built-in,</li> <li>• Large, easy to read LCD graphic display with backlight,</li> <li>• Low battery indicator,</li> <li>• Aesthetic and solid construction,</li> <li>• The set includes a practical case</li> </ul> |
| Power supply:                         | 2 x 1.5V, type AAA/LR03 battery (not included)                                                                                                                                                                                                                                                                              |
| Weight:                               | 0.08 kg                                                                                                                                                                                                                                                                                                                     |
| Dimensions:                           | 42 x 152 x 22 mm                                                                                                                                                                                                                                                                                                            |
| Manufacturer / Brand:                 | UYIGAO                                                                                                                                                                                                                                                                                                                      |
| Guarantee:                            | 2 years                                                                                                                                                                                                                                                                                                                     |

## PRESENTATION

The device has very small dimensions:



Front panel:



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Connectors:



Top view:



In the kit:



Device is secured by handy case:



## OUR OPINIONS



- Very small dimensions of the device.

## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|

