

## LCR Meter

## MTQ 4070



### Description

A LCR meter (Inductance (L), Capacitance (C), and Resistance (R)) is a piece of electronic test equipment used to measure the inductance, capacitance and, resistance of a component. In the usual versions of this instrument these quantities are not measured directly, but determined from a measurement of impedance.

## Specification

| Basic Function        | Accuracy                              | Resolution                            |
|-----------------------|---------------------------------------|---------------------------------------|
| 2mH                   | 1uH                                   | 1mH<br>10mH<br><br><b>Resolution</b>  |
| 20mH                  | 10uH                                  |                                       |
| 200mH                 | 100uH                                 |                                       |
| 2H                    | ± (5.0% + 5)                          |                                       |
| 20H                   | ± (5.0% + 15)                         |                                       |
| <b>Basic Function</b> | <b>Accuracy</b>                       |                                       |
| 2nF                   | 1pF                                   | 100nF<br>1uF<br><br><b>Resolution</b> |
| 20nF                  | 10pF                                  |                                       |
| 200nF                 | 100pF                                 |                                       |
| 2uF                   | 1nF                                   |                                       |
| 20uF                  | 10nF                                  |                                       |
| 200uF                 | ± (5.0% + 5)                          |                                       |
| 1000uF                | ± (5.0% + 25)                         |                                       |
| <b>Basic Function</b> | <b>Accuracy</b>                       |                                       |
| 200Ω                  | ± (0.8% + 5)                          | 0.1Ω                                  |
| 2KΩ                   | 1Ω                                    | 10KΩ                                  |
| 20KΩ                  | 10Ω                                   |                                       |
| 200KΩ                 | 100Ω                                  |                                       |
| 2MΩ                   | 1KΩ                                   |                                       |
| 20MΩ                  | ± (1.0% + 15)                         |                                       |
| General Characters    | MTQ 4070                              |                                       |
| Product color         | Case, dark gray; Holster, yellow      |                                       |
| Product Net Weight    | Approx. 380g                          |                                       |
| Product dimension     | 189*97*35mm                           |                                       |
| Standard Accessories  | Test leads, battery, manual, gift box |                                       |