

# **UNI-T®**

## **UTD1000 SERIES** **Handheld Digital Storage Oscilloscopes** UTD1025C ■ UTD1042C ■ UTD1062C



EN:61010-1



### SPECIFICATIONS

| Specifications            | UTD1025C                          | UTD1042C      | UTD1062C |
|---------------------------|-----------------------------------|---------------|----------|
| Channels                  | 2                                 |               |          |
| Bandwidth                 | 25MHz                             | 40MHz         | 60MHz    |
| Sample Rate               | 250MS/s                           |               |          |
| Rise Time                 | ≤14ns                             | ≤8.7ns        | ≤5.8ns   |
| Memory Depth              | 7.5kpts                           |               |          |
| Vertical Sensitivity      | 5mV-50V/div                       |               |          |
| Time-Based Range          | 5ns-50s/div                       |               |          |
| Storage                   | Setup, Waveform, Bitmap           |               |          |
| Trigger Modes             | Edge, Pulse, Video and Alternate  |               |          |
| Interface                 | USB HOST                          |               |          |
| Multimeter Specifications | Range                             | Best Accuracy |          |
| DC Voltage (V)            | 600mV/6V/60V/600V/1000V           | ±(1.0%+5)     |          |
| AC Voltage (V)            | 600mV/6V/60V/600V/700V            | ±(1.2%+5)     |          |
| DC Current (A)            | 6mA/60mA/600mA/6A                 | ±(1.2%+5)     |          |
| AC Current (A)            | 6mA/60mA /600mA/6A                | ±(2.0%+5)     |          |
| Resistance (Ω)            | 600Ω/6KΩ/60KΩ/600KΩ/6MΩ/60MΩ      | ±(1.2%+5)     |          |
| Capacitance (F)           | 6nF/6mF/60nF/600nF/6μF/60μF/600μF | ±(4.0%+5)     |          |
| Display Count             | 5999                              |               |          |
| Auto Range                | √                                 |               |          |

### GENERAL CHARACTERISTICS

|                              |                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------|
| Power                        | 100-240VAC 50/60Hz 1.5A                                                                                      |
| Display                      | 5.7 Inches 64K Color TFT LCD, (320×240)                                                                      |
| Product Color                | Red and Grey                                                                                                 |
| Product Net Weight           | 1.8 Kg                                                                                                       |
| Product Size                 | 268mm × 168mm × 60mm                                                                                         |
| Standard Accessories         | Probe×2(1×, 10× Switchable), Current Voltage Converter ×2, Power Cord, DC Adaptor, Test Lead, PC Software CD |
| Standard Individual Packing  | Tool Box, Gift Box, English Manual                                                                           |
| Standard Quantity Per Carton | 4 PCs                                                                                                        |
| Standard Carton Measurement  | 485mm × 470mm × 400mm (0.091 CBM Per Standard Carton)                                                        |
| Standard Carton Gross Weight | 23.2 Kg                                                                                                      |