

| Models | UT39A+ | UT39C+ | UT39E+ | UT136B+ | UT136C+ | UT890C | UT890D+ | UT89X | UT89XD | UT89XE |
|------------------------|---------------------------|------------------|------------------|---------|------------------|------------------|---------|------------------|--------|------------------|
| Page | 057 | 057 | 057 | 070 | 070 | 076 | 076 | 061 | 061 | 061 |
| | | | | | | | | | | |
| DC voltage (V) | 1000V | 1000V | 1000V | 1000V | 1000V | 1000V | 1000V | 1000V | 1000V | 1000V |
| AC voltage (V) | 750V | 750V | 1000V | 1000V | 1000V | 750V | 750V | 1000V | 1000V | 1000V |
| DC current (A) | 10A | 10A | 20A | 10A | 10A | 20A | 20A | 20A | 20A | 20A |
| AC current (A) | 10A | 10A | 20A | 10A | 10A | 20A | 20A | 20A | 20A | 20A |
| Resistance (Ω) | 200MΩ | 40MΩ | 200MΩ | 40MΩ | 40MΩ | 60MΩ | 60MΩ | 60MΩ | 60MΩ | 200MΩ |
| Capacitance (F) | 10mF | 10mF | 2000μF | 40mF | 40mF | 100mF | 100mF | 100mF | 100mF | 200mF |
| Frequency (Hz) | | 1MHz | 2MHz | 40MHz | 40MHz | 10MHz | 10MHz | 10MHz | 10MHz | 60MHz |
| Temperature (°C) | | -40°C ~1000°C | -40°C ~1000°C | | -40°C ~1000°C | -40°C ~1000°C | | -40°C ~1000°C | | -40°C ~1000°C |
| Features | | | | | | | | | | |
| Display count | 4000 | 4000 | 20000 | 4000 | 4000 | 6000 | 6000 | 6000 | 6000 | 20000 |
| Diode/continuity | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Low battery indication | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Data hold | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Auto power off | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LCD backlight | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Duty cycle | | | | | | | | ● | ● | |
| Relative mode | ● | ● | ● | | | ● | ● | ● | ● | ● |
| NCV | | ● | ● | ● | | ● | ● | ● | ● | |
| Auto range | | | | ● | ● | | | | | |
| Trnsistor (hFE) | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Conductance (nS) | | | ● | | | | | | | ● |
| Live test | | | | | | | ● | ● | | |
| LED test | | | | | | | | | ● | |
| Max/Min | | | | | | ● | ● | | | ● |
| True RMS | | | | | | ● | ● | ● | ● | ● |
| Safety Features | | | | | | | | | | |
| Drop test | 1m | 1m | 1m | 1m | 1m | 1m | 1m | 1m | 1m | 1m |
| Safety rating | CAT II 1000V/CAT III 600V | | | | | | | | | |



UT39E+

UT39+ series digital multimeters are portable devices designed for the electrical industry. They feature overvoltage and overcurrent alarm and high voltage protection, triggered during faulty operation. UT39C+/E+ are suitable for HVACR maintenance with its temperature measurement function. UT39E+ is a 20000 count high accuracy meter, suitable for electronics design work.

| Features | |
|--------------------------------|----------------------------|
| Transistor hFE | 2m drop test |
| Diode | Data hold |
| Continuity test/Relative mode | Backlight/Auto power off |
| Frequency response: 40Hz~400Hz | Conductance 100nS (UT39E+) |



| Specifications | Range | UT39A+ | UT39C+ | UT39E+ |
|------------------|---|-----------|----------------------|----------------------|
| DC voltage (V) | 400mV/4V/40V/400V/1000V 200mV/2V/20V/200V/1000V | ±(0.5%+5) | ±(0.5%+5) | ±(0.05%+3) |
| AC voltage (V) | 4V/40V/400V/750V 200mV/2V/20V/200V/1000V | ±(0.8%+3) | ±(0.8%+3) | ±(0.5%+10) |
| DC current (A) | 40µA/400µA/4mA/40mA/400mA/10A 400µA/400mA/10A 2000uA/20mA/200mA/2A/20A | ±(0.8%+3) | ±(0.8%+3) | ±(0.5%+5) |
| AC current (A) | 40mA/400mA/10A 4mA/400mA/10A 2000uA/20mA/200mA/2A/20A | ±(1%+2) | ±(1%+2) | ±(0.8%+10) |
| Resistance (Ω) | 400Ω/4000Ω/40kΩ/400kΩ/4MΩ/200MΩ 400Ω/4000Ω/40kΩ/400kΩ/4MΩ/40MΩ 200Ω/2kΩ/20kΩ/2MΩ/20MΩ/200MΩ | ±(0.8%+2) | ±(0.8%+2) | ±(0.3%+2) |
| Capacitance (F) | 10mF 2000µF | ±(4%+5) | ±(4%+5) | ±(4%+20) |
| Frequency (Hz) | 10Hz~1MHz 10Hz~2MHz | | ±(0.1%+4) | ±(0.1%+3) |
| Temperature | -40°C~1000°C -40°F~1832°F | | ±(1%+4) ±(1.5%+5) | ±(1%+5) ±(1.5%+5) |
| Conductance (nS) | 0.1~100nS | | | ±(1%+3) |
| Display count | | 4000 | 4000 | 20000 |
| NCV | | | √ | √ |
| Category ratings | CAT II 1000V, CAT III 600V | | | |

| Characteristics | |
|------------------------------|---|
| Standard accessories | Test leads, temperature probe (UT39C+/E+), English manual |
| Power | 1.5V battery (R03) x 2 |
| Display | 56.5 x 36mm |
| Product size | 175 x 83 x 53mm |
| Product net weight | 330g |
| Standard individual packing | Gift box |
| Standard quantity per carton | 30pcs |
| Standard carton measurement | 390 x 355 x 340mm |
| Standard carton gross weight | 14.5kg |