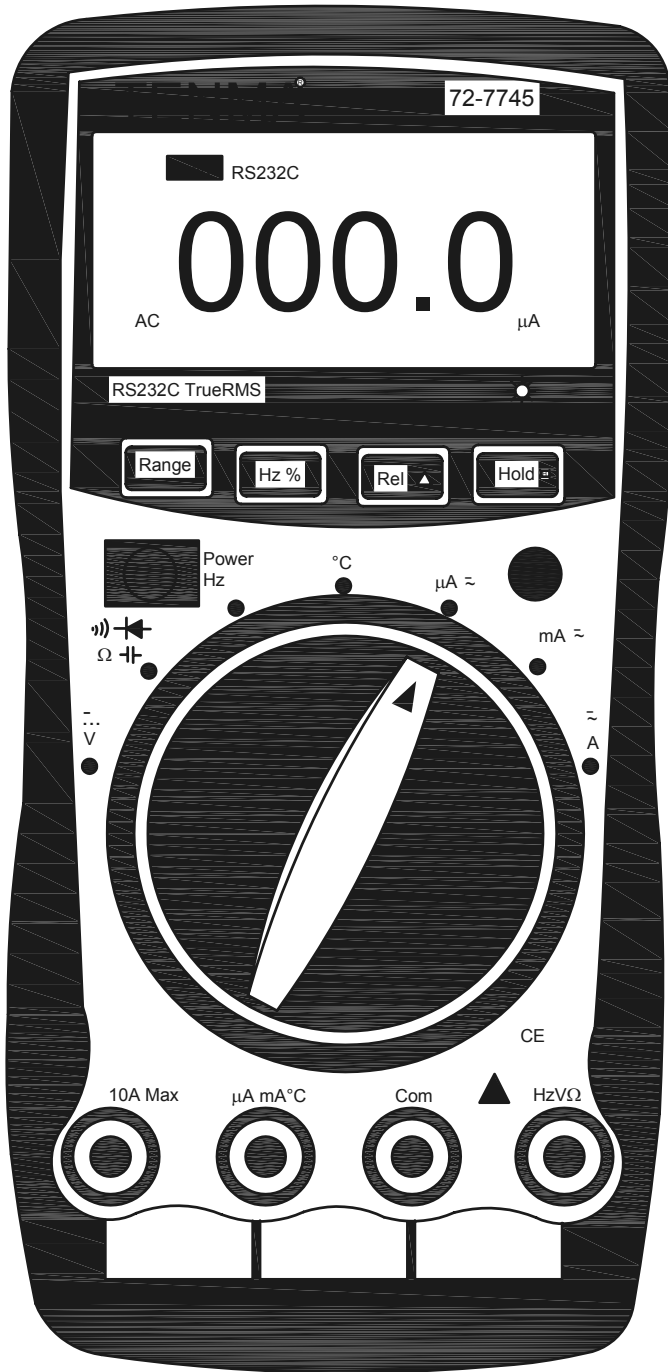




REVISIONS

DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398

| DCP # | REV | DESCRIPTION | DRAWN | DATE | CHECKD | DATE | APPRVD | DATE |
|-------|-----|-------------|-------|----------|--------|----------|--------|----------|
| | | | VEE | 30-08-10 | JAG | 30-08-10 | XXX | 13-09-10 |
| | | | | | | | | |



SPC-F004.DWG

| | | | | | | |
|--|-------------|------------|---|---------------------|-----------------|---------------|
| TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY. | DRAWN BY: | DATE: | DRAWING TITLE: | | | |
| | VEE | 30-08-10 | Advanced Autoranging Digital Multimeter | | | |
| | CHECKED BY: | DATE: | SIZE | DWG. NO. | ELECTRONIC FILE | REV |
| | JAG | 30-08-10 | A | XXX | 02J5542 | A |
| APPROVED BY: | DATE: | SCALE: NTS | | U.O.M.: INCHES [mm] | | SHEET: 1 OF 1 |
| XXX | 13-09-10 | | | | | |

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REVISIONS

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| | | | VEE | 30-08-10 | JAG | 30-08-10 | XXX | 13-09-10 |
| | | | | | | | | |

Features:

- 3 3/4 Digit LCD, 3999 count, 63mm x 31mm
- Auto/ manual ranging selector
- Overmoulded cases
- Diode, continuity buzzer and data hold
- True RMS AC
- Display backlight
- Capacitance measurement
- Temperature measurement
- Frequency measurement
- Minimum/Maximum relative mode
- RS-232 PC interface
- 1-Year warranty
- Meets IEC 1010, 1000V CAT II, 600V CAT III
- CE complaint
- Fused 10A range
- Relative mode
- Full icon display
- Sleep mode
- Low battery display
- Input impedance for DCV: Approx 10MW
- Power: 9V battery (6F22) included
- Size: 177mm x 85mm x 40mm
- Weight: 320g
- Includes: Test leads, manual, test clip, Point contact temperature probe, RS-232C cable and software



RoHS Compliant

| Function | Range | Accuracy |
|----------------|--|-----------|
| DC Voltage | 400mV, 4V, 40V, 400V, 1000V | ±(0.8%+1) |
| AC Voltage | 4V, 40V, 400V, 750V | ±(1%+5) |
| DC Current | 400µ A, 4000 µ A, 40mA, 400mA, 4A, 10A | ±(1%+2) |
| AC Current | 400µ A, 4000 µ A, 40mA, 400mA, 4A, 10A | ±(1.5%+5) |
| Resistance | 400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ | ±(1%+2) |
| Capacitance | 40nF, 400nF, 4µF, 40µF, 100µF | ±(3%+5) |
| Frequency | 10Hz to 10MHz | ±(0.1%+3) |
| Duty Cycle | 0.1% to 99.9% | NA |
| Temperature °C | -40°C to 1000°C | ±(1%+3) |

Part Number Table

| Description | Part Number |
|---|-------------|
| Advanced Autoranging Digital Multimeter | 7C7/120V |

SPC-F004.DWG

| | | | | | | |
|--|--------------|----------|---|----------|---------------------|---------------|
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