

Product Datasheet - Technical Specifications



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EDU34450A 5.5-digit Digital Multimeter

Smart Bench Essentials



Key features and benefits:

- Measures 11 different input signals:
- DCV, DCI, True-RMS ACV, ACI, 2- and 4-wire resistance, frequency, continuity, diode test, temperature and capacitance
- Signature 7-inch dual-measurement color display
- 0.015% basic DCV accuracy
- Fast reading rate of up to 100 readings/s for speed critical measurements
- 5,000 points logging memory for recording more data and perform analysis
- Standard USB and LAN for flexible connectivity to your PC
- USB flash drive support to copy/load configuration for repeated test setup
- Included: PathWave BenchVue DMM software for remote control and data logging

1. On/Off Switch
2. Display
3. USB host
4. Functional keys
5. Soft keys
6. Range change keys
7. Input terminals
8. Fuse



Limit test



Data logging

EDU34450A capabilities

| Features | Specifications |
|--------------------------|---------------------|
| Digits of resolution | 5.5 |
| 1-year DCV accuracy | 0.015% |
| Max reading rate | 100 readings/s |
| Memory | 5000 points |
| Display | 7" color display |
| Connectivity | USB and LAN |
| Measurement | |
| DCV | 100 mV to 1000 V |
| ACV | 100 mV to 750 V |
| DCI, ACI | 10 mA to 3 A |
| 2- and 4-wire resistance | 100 ohm to 100 Mohm |
| Continuity, diode | Yes, 1 V |
| Frequency | 20 Hz to 300 kHz |
| Temperature | Thermistor |
| Capacitance | 1 nF to 10 mF |

Ordering information

| Part number | Description |
|-------------|--|
| EDU34450A | 5.5-digit digital multimeter |
| EDU190A | Instrument stacking kit |
| 34138A | Test lead set |
| E2308A | Thermistor temperature probe |
| 34330A | 30 A current shunt |
| BV0001B | PathWave BenchVue Digital Multimeter App |

Rear panel at a glance



PathWave BenchVue digital multimeter app

