

Data Sheet

Model 2831D

4 1/2 Digit True RMS Bench Digital Multimeter

The model 2831D provides versatility and reliability for a broad spectrum of laboratory or service applications. Being a true Multimeter it can make diode, frequency and continuity measurements in addition to basic current, voltage and resistance measurements.

- True RMS for accurate interpretation of any waveform signal
- 4 1/2 Digit LED display for clear reading in darkest environment
- Great overload protection on all ranges
- Voltage measurements up to 1200VDC and 750VAC
- Current measurements up to 20A AC/DC
- Basic accuracy for DCV is 0.05%



| Specifications  |  | model      |
|-----------------|--|------------|
|                 |  | 2831D      |
| DC Voltage      |  |            |
| Max Range       |  | 1200V      |
| Best Accuracy   |  | +0.05%+5D  |
| Best Resolution |  | 100uV      |
| AC Voltage      |  |            |
| Max Range       |  | 750V       |
| Best Accuracy   |  | +0.75%+10d |
| Best Resolution |  | 100uV      |
| DC Current      |  |            |
| Max Range       |  | 20A        |
| Best Accuracy   |  | +0.75+5d   |
| Best Resolution |  | 100nA      |
| AC Current      |  |            |
| Max Range       |  | 20A        |
| Best Accuracy   |  | +0.75+5d   |
| Best Resolution |  | 100nA      |
| Resistance      |  |            |
| Max Range       |  | 20M Ω      |
| Best Accuracy   |  | +0.2%+5d   |
| Best Resolution |  | 0.1ohm     |
| Frequency       |  |            |
| Max Range       |  | 200KHz     |
| Best Accuracy   |  | +1.0%+5d   |
| Best Resolution |  | 1Hz        |