



PD-350 PD-351 PD-352 MD-200C FP-2 PD-184 IC-117 IC-118

MEASUREMENTS

| | | | | | | | | |
|---------------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------|--------------------------------|--------------------------------|-----------------|-----------------------------------|
| DC voltage | 60mV to 1000V | 60mV to 1000V | 60mV to 1000V | 200mV to 1000V | 60mV to 1000V | 220mV to 1000V | 100mV to 1000V | 100mV to 1000V |
| AC voltage | 60mV to 750V | 60mV to 750V | 60mV to 750V | 200mV to 750V | 600mV to 750V | 220mV to 750V | 100mV to 1000V | 100mV to 1000V |
| DC current | 600µA to 20A | 600µA to 20A | 600µA to 20A | 20mA to 20A | 600µA to 20A | 220µA to 20A | 1A to 10A | 100µA to 10A |
| AC current | 600µA to 20A | 600µA to 20A | 600µA to 20A | 20mA to 20A | 600µA to 20A | 220µA to 20A | 1A to 10A | 100µA to 10A |
| Impedance | 600Ω to 60MΩ | 600Ω to 60MΩ | 600Ω to 60MΩ | 200Ω to 20MΩ | 600Ω to 60MΩ | 220Ω to 220MΩ | 100Ω to 40MΩ | 100Ω to 40MΩ |
| Capacity | 40nF to 4000µF | 40nF to 4000µF | 40nF to 4000µF | 20nF to 200µF | 60nF to 60mF | 22nF to 220mF | 10nF to 1000µF | 10nF to 1000µF |
| Frequency | 9.999 Hz to 9.999 MHz | 9.999 Hz to 9.999 MHz | 9.999 Hz to 9.999 MHz | 20 Hz to 200 kHz | 9.999 Hz to 9.999 MHz | 22 Hz to 220 MHz | 100 Hz to 1 MHz | 100 Hz to 1 MHz |
| Duty cycle | ✓ | ✓ | ✓ | | ✓ | ✓ | | |
| Temperature | -50 to 400 °C -58 to 752 °F | -50 to 400 °C -58 to 752 °F | -50 to 400 °C -58 to 752 °F | | -50 to 400 °C -58 to 752 °F | -50 to 400 °C -58 to 752 °F | | -200 to 800 °C -328 to 1472 °F |
| Diode test and Continuity measurement | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Transistor measurement | ✓ | ✓ | ✓ | ✓ | | | | |
| True RMS | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

MAXIMUM ACCURACY

| | | | | | | | | |
|-------------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|------------------|------------------|
| DC voltage | ±(0.5% + 2 dig) | ±(0.5% + 2 dig) | ±(0.05% + 1 dig) | ±(0.5% + 2 dig) | ±(0.5% + 2 dig) | ±(0.01% + 2 dig) | ±(0.05% + 3 dig) | ±(0.05% + 3 dig) |
| AC voltage | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.8% + 80 dig) | ±(0.8% + 3 dig) | ±(1.2% + 50 dig) | ±(0.5% + 9 dig) | ±(0.5% + 9 dig) |
| DC current | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.35% + 10 dig) | ±(0.8% + 2 dig) | ±(0.5% + 10 dig) | ±(0.5% + 5 dig) | ±(0.5% + 5 dig) |
| AC current | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.8% + 80 dig) | ±(1% + 3 dig) | ±(0.8% + 10 dig) | ±(1.5% + 10 dig) | ±(1.5% + 10 dig) |
| Impedance | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.1% + 5 dig) | ±(0.8% + 2 dig) | ±(0.5% + 30 dig) | ±(0.2% + 5 dig) | ±(0.2% + 5 dig) |
| Capacity | ±(2.5% + 2 dig) | ±(2.5% + 2 dig) | ±(2.5% + 2 dig) | ±(3.5% + 20 dig) | ±(3% + 5 dig) | ±(3% + 5 dig) | ±(1% + 6 dig) | ±(1% + 6 dig) |
| Frequency | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(0.8% + 2 dig) | ±(1% + 20 dig) | ±(0.8% + 2 dig) | ±(0.1% + 4 dig) | ±(0.05% + 3 dig) | ±(0.05% + 3 dig) |
| Duty cycle | ±(1.2% + 2 dig) | ±(1.2% + 2 dig) | ±(1.2% + 2 dig) | | ±(1.2% + 3 dig) | ±(1.2% + 3 dig) | | |
| Temperature | ±(2.5% + 2 dig) | ±(2.5% + 2 dig) | ±(2.5% + 2 dig) | | ±(2.5% + 3 dig) | ±(1% + 5 dig) | | ±(0.3% + 15 dig) |

ADDITIONAL FUNCTIONS AND FEATURES

| | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|
| Manual scale | | | | ✓ | ✓ | | ✓ | ✓ |
| Autoscale | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| Overload protection | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| 5 V rectangular signals | | | | | | | ✓ | ✓ |
| Voice measur. and Datalogger | ✓ | ✓ | ✓ | | | ✓ | | |
| Contactless voltage detector | | | | ✓ | | | | |
| Integrated flashlight | | | | ✓ | | | | |
| High precision measurements | | | | | | ✓ | ✓ | ✓ |
| Included ENAC certificate | | | | | | | ✓ | ✓ |

MEASUREMENT STORAGE

| | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|
| MAX/MIN hold | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| Data hold | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Relative value | ✓ | ✓ | ✓ | | ✓ | | | |
| Storage capacity | | | | | | ✓ | ✓ | ✓ |
| Bluetooth connectivity | | ✓ | ✓ | | | ✓ | | |
| Infrared port to PC | | | | | | | | ✓ |

INTERFACE

| | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|
| Backlighted screen | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Analog bar | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ |