

GDM-8246 Specifications

The specifications apply when the GDM-8246 is powered on for at least 30 minutes under +20°C~+30°C.



| | |
|----------------------------|--|
| DC VOLTAGE | |
| Range | 500mV, 5V, 50V, 500V, 1000V 5 ranges |
| Accuracy | ±(0.02% rdg + 4 digits) |
| Input Impedance | 10MΩ |
| AC VOLTAGE TRUE RMS | |
| Range | 500mV, 5V, 50V, 500V, 1000V 5 ranges |
| Accuracy | 500mV ~ 1000V 5 ranges : 20Hz ~ 50Hz : ±(1% rdg + 10 digits) 50Hz ~ 2kHz : ±(0.3% rdg + 30 digits) 2kHz ~ 10kHz : ±(0.4% rdg + 50 digits) 500mV ~ 500V 4 ranges : 10kHz ~ 20kHz : ±(0.5% rdg+ 50 digits) 500mV ~ 50V 3 ranges : 20kHz ~ 50kHz : ±(2% rdg + 20 digits) 50kHz ~ 100kHz : ±(5% rdg + 50 digits) |
| Input Impedance | 10MΩ |
| DC CURRENT | |
| Range | 500μA, 5mA, 50mA, 500mA, 2A, 20A 6 ranges |
| Accuracy | 500μA ~ 500mA 4 ranges : ±(0.05% rdg + 3 digits) 2A ~ 20A 2 ranges : ±(0.2% rdg + 5 digits) |
| AC CURRENT TRUE RMS | |
| Range | 500μA, 5mA, 50mA, 500mA, 2A, 20A 6 ranges |
| Accuracy | 500μA ~ 20A 6 ranges : 20Hz ~ 45Hz : ±(1% rdg + 15 digits) 45Hz ~ 2kHz : ±(0.5% rdg + 15 digits) 500μA ~ 500mA 4 ranges : 2kHz ~ 10kHz : ±(1% rdg + 15 digits) 10kHz ~ 20kHz : ±(2% rdg + 15 digits) |
| RESISTANCE | |
| Range | 500Ω, 5kΩ, 50kΩ, 500kΩ, 5MΩ, 20Ω 6 ranges |
| Accuracy | 500Ω : ±(0.1% rdg + 4 digits) 5kΩ ~ 500kΩ 3 ranges : ±(0.1% rdg + 2 digits) 5MΩ : ±(0.2% rdg + 2 digits) 20MΩ : ±(0.3% rdg + 2 digits) |

| | |
|--------------------------------|--|
| DIODE TEST | |
| | Maximum forward voltage 1.5V open voltage 3.1V |
| CAPACITANCE | |
| Range | 5nF, 50nF, 500nF, 5μF, 50μF 5 ranges |
| Accuracy | ±(2% rdg + 4 digits) |
| FREQUENCY | |
| Input Level (Sine Wave) | mV range : 10Hz ~ 50kHz >120mV 50k ~ 150kHz >200mV 5V~50V range : 20Hz ~ 200kHz >1.2V 500V range : 20Hz ~ 1kHz >12V |
| Accuracy | ±(0.05% + 1 digit) |
| CONTINUITY BEEPER | |
| | < 5Ω |
| FUNCTIONS | |
| | Auto Range, Manual Range, Max, Min, dBm, REL, Hold, Compare, Set RECALL |
| DISPLAY | |
| | Dual Display 0.4" , 0.5" , 7 segment LED display |
| INTERFACE | |
| | Standard : RS232C, Optional : GPIB |
| POWER SOURCE | |
| | AC 100V/120V/220V/230V ±10%, 50/60Hz; Power consumption: 8VA max. |
| DIMENSIONS & WEIGHT | |
| | 251(W)x 91(H)x 291(D) mm Approx 2.6kg |