7½-DIGIT MULTIMETER — Model 5713

7½-Digit Multimeter	Model 5713
4-ppm stability (24 hours)	
RS-232 and IEEE-488 standard	
Optional scanner (80-channel 1-pole, 40 2-pole, 20 4-pole)	
Temperature measurements from –200°C to 850°C	

The Model 5713 Multimeter measures current, voltage, resistance, temperature, and frequency. The unit has five ranges for measuring current with a maximum resolution of 100 pA. The alternating voltage measurement covers a frequency range up to 1 MHz. Its temperature resolution is 0.001°C. The 5713 is stable to 4 ppm over a 24-hour period and accurate to 20 ppm over a year.

This Prema multimeter has several built-in programs for offset, percent deviation, ratio, and ax + b calculations. Its integration times range from 20 milliseconds to 100 seconds, and it does temperature measurements with RTD sensors Pt10, Pt25, Pt100, Pt500, and Pt1000.

This meter has both an RS-232 and IEEE-488 interface for connection to your PC. There are optional software packages for automation and an optional scanner.

Nothing in the industry currently matches this level of performance for this price. The Model 5713 is a great value and a great multimeter.

Specifications

Measurement Functions	VDC, VAC, IDC, IAC, Ω, °C/°F/Kelvin, Hz
Resolution	100 nV, 1 nA, 100 μΩ
Accuracy:	**VDC (30V)** **24-hour:** ±0.0004% + 0.0002 **1-year:** ±0.002% + 0.0002 **Resistance (30 KΩ)** **24-hour:** ±0.0004% + 0.0002 **1-year:** ±0.003% + 0.0004 **RTDs (Pt100)** **24-hour:** ±0.002% + 0.03°C **1-year:** ±0.004% + 0.02°C **Thermocouple (Type K)** **1-year:** ±0.16°C (with measurement times > 400 ms)
Interface	IEEE-488 and RS-232
Inputs	Single input on main unit, 80-channel scanner optional

Ordering Information

5713	7½-Digit Multimeter
5713-001	7½-Digit Multimeter with 80-channel scanner (40 2-pole, 20 4-pole)

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