

Sweep Frequency Response Analyzer

SFRA Instrument Technical Specifications



The **M5200 SFRA** is the best diagnostic instrument for detecting "hidden" transformer defects.

Requires user supplied PC

M5200 SFRA

Software:

M5200 SFRA Office View	M5200 SFRA for Windows 2000/XP
PC Communications	Ethernet/USB
	Requires user supplied PC with 512 MB RAM.

Analog Source:

Channels	1
Frequency Range	10 Hz - 10 MHz
Voltage Output	10 V peak-to-peak at 50 Ohms
Output Coupling	DC
Output Impedance	50 Ohms
Protection	Short circuit protected

Analog Inputs:

Channels	2
Sampling	Simultaneous
Frequency Range	10 Hz - 10 MHz
Input Impedance	50 Ohms
Maximum Sample Rate	100 million samples, per second
Calibration Interval	3 years

Data Collection:

Test Method	Sweep frequency
Frequency Range	10 Hz - 10 MHz
Number of Points	1250 logarithmically spaced
Accuracy	± 1 dB down to -70 dB
IF Bandwidth	10% of actual frequency



