

## SIGNAL HAWK Testing Instruments Digital Distortion Meter DSM 201



The DISTORTION METER DSM-201 a highly selective balancing network is used to eliminate the fundamental frequency in the 20Hz to 20kHz band. The distortion products are fed to a stable high-gain wideband amplifier for indication on the meter. The amplifier is effective up to 200KHz and measurements are possible up to and including the tenth harmonic of 20KHz.

The balancing network is switched cover three-decade bands for measuring distortion levels whereby the signal the high-gain amplifier is used as a sensitive voltmeter. To facilitate tuning Output distortion BNC socket are provided for oscilloscope connection when observing the distortion components, which responds quickly to any change in tuning. This works in conjunction with the digital panel meter.

### Features & Specs

#### SPECIFICATIONS:

Range	2%, 20% and 100% full scale
Accuracy	± 2% of full scale
Range of frequency	20Hz to 20KHz (fundamental) in three bands
Input voltage range	50mV to 10.0volt
Input Impedance	100Kilo ohm; less than 5OpF in shunt
Fundamental rejection	Over 60 dB
Residual Distortion	Less than 0.05%
Power Supply	220volts / 50Hz; ± 10%