Environmental Meters

From solving HVAC problems to checking outdoor UV conditions, or measuring energy from electromagnetic/electrical fields of electrical appliances and power lines, Extech helps expand your problem-solving capabilities giving you quick and accurate results. Monitor heat index and track temperature changes during hot humid days to prevent heat stroke during outdoor activities, sporting events, or in an indoor workplace. Monitor noise levels and perform workplace audits and measure indoor and outdoor light levels. Extech's compact multifunction environmental meters combine all-in-one versatility with accurate diagnostics. Features include large backlit LCD display, tripod mount, Data Hold, Auto power off, and Min/Max. Complete with wrist strap, general purpose temperature probe (where applicable), wrist strap, and batteries.

10-in-1 Environmental Meter

Measure Air Velocity, Air Flow, Air and Type K Temperature, Heat Index, Humidity, Wet Bulb, Dew Point, Windchill, and Light Level. Includes low friction ball bearing mini vane wheel, a precision photo diode with cosine and color correction filter, and a capacitive humidity sensor for high accuracy. General purpose bead wire probe is included for measuring Temperature up to ~480°F (250°C), while the meter can measure to 2372°F (1300°C) if used with other probes.

EN510

CMM/CFM Anemometer + Type K

Convenient 4-in-1 Anemometer measures Air Velocity, Air Flow, Air Temperature, and Type K Temperature. Built-in low friction ball bearing mini vane wheel for high accuracy. General purpose bead wire probe is included for measuring Temperature up to ~480°F (250°C), while the meter can measure to 2372°F (1300°C) if used with other probes.

AN510

EMF/ELF Meter

The Extech EMF510 measures energy from electromagnetic fields (EMF) and electrical signals and is sensitive to extremely low frequency levels (ELF). The built-in single-axis sensor is ideal for monitoring power lines, electrical appliances, fans and blowers, and electrical circuits in two ranges with milli-Gauss and micro-Tesla units.

EMF510

Hygro-Thermometer Psychrometer

Conveniently check the Humidity and Temperature in residential and professional settings to ensure comfort and safety. The RHT510 measures Relative Humidity, Temperature, Dew Point, and Wet Bulb. General purpose bead wire Type K probe is included for measuring Temperature up to ~480°F (250°C), while the meter can measure to 2372°F (1300°C) if used with other probes.

RHT510

Sound Level Meter

Compact design with ±1dB high accuracy and a large backlit display provides quick and reliable sound level testing. It meets Class 2 standards (IEC 61672-2013 and ANSI/ASA S1.4/Part 1). Measure A & C weighting from 35 to 130dB with Fast and Slow response time selectivity.

SL510

Light Meter

Measures light intensity up to 1860 Foot-candles (20,000 Lux) with resolution to 0.1 Fc/1Lux. Ideal for indoor lighting tests and for checking security and safety illumination in parking garages, night time ATM areas, stairwells, landings, and hallways.

LT510

UVA Light Meter

The Extech UV510 measures UVA light radiation from natural and artificial light sources. It offers a backlit dual display, cosine corrected sensor, two selectable ranges, and zero function.

UV510