**Extech Helps HVACR & IAQ Pros Troubleshoot Airflow,
Temperature & Humidity Problems with New Meter Series***510 series includes anemometer, hygro-thermometer/psychrometer & 10-in-1 multifunction meter*

(Nashua, NH, USA) Extech Instruments, ([www.extech.com](http://www.extech.com)), a world leader in test and measurement tools, announced today the launch of several environmental meter series optimized for HVACR and Indoor Air Quality professionals. The series includes an airflow meter, a combination hygro-thermometer and psychrometer, and a versatile 10-in-1 multifunction meter. The new compact instruments are designed to provide quick, accurate readings on a range of environmental conditions that are essential for HVACR troubleshooting and repairs, as well as Indoor Air Quality (IAQ) assessments to improve occupant health and comfort.

The meters in the 510 series are equipped with a core set of shared capabilities and features to maximize versatility. The 510 meters share an informative, oversized display and a bright backlight for testing in dark job sites. Useful data functions include data hold, as well as minimum and maximum readings. The Auto-Power-Off function preserves battery life and can be disabled for extended monitoring. A wrist strap is useful for toting while a tripod mount lets users set up the meter with consistent placement to avoid variability in routine measurements (using an optional tripod, TR100).

**EN510 10-in-1 Environmental Meter**The EN510 is a do-it-all environmental meter that can replace several HVACR meters, ensuring the right instrument is always available. The EN510 measures or calculates Air Velocity, Air Flow, Air Temperature, Bead Probe (Type K) Temperature, Heat Index, Humidity, Wet Bulb, Dew Point, Wind-chill, and Light Level. An integrated mini-vane anemometer with low friction ball bearings ensures long-lasting and accurate air-related measurements. For humidity-related readings and calculations, a built-in capacitive humidity sensor ensures high accuracy. Along with ambient air temperature, the meter also includes a general-use bead wire probe for temperatures up to ~480°F (250°C) while the meter itself is rated up to 2372°F (1300°C) with available probes. Additionally, a precision photo diode measures light levels in Foot-Candles (Fc) or Lux, with cosine correction and a spectral response filter for color correction.

**AN510 CFM/CMM Anemometer with Thermometer**Leveraging the same mini-vane anemometer design as the 10-in-1 meter above, the AN510 anemometer measures focuses on Air Velocity, Air Flow, Air Temperature and Bead Probe (Type K) Temperature. The AN510 helps HVACR technicians troubleshoot problems such as hot and cold spots in a residential or commercial space; pressure imbalances; leaky ducts; or registers with little to no airflow. The AN510’s dual display can display air and temperature readings simultaneously for added insights when performing IAQ thermal comfort studies.

**RHT510 Hygro-Thermometer & Psychrometer**Similarly, Extech’s RHT510 offers the Temperature and Humidity diagnostic capabilities of the 10-in-1 meter. With the RHT510, a user can quickly assess not only Temperature (ambient and Type K) and Relative Humidity, but also Wet Bulb, and Dew Point. Wet Bulb measurements can be useful in troubleshooting evaporative cooling issues for example. Dew Point measurements are ideal for controlling or adjusting indoor humidity. IAQ professionals can use dew points to target window condensation and related mold hazards for example. Like the AN510, a dual display can indicate temperature along with a hygrometer/psychrometer reading at the same time.

All three meters are backed by a one-year warranty and come with three AAA batteries.

Learn more here: EN510: [http://www.extech.com/en510](http://www.extech.com/en510?utm_source=vocus&utm_medium=extech-trade-release&utm_content=en510-landing-page&utm_campaign=extech-trade-releases) ; AN510: [http://www.extech.com/an510](http://www.extech.com/an510?utm_source=vocus&utm_medium=extech-trade-release&utm_content=an510-landing-page&utm_campaign=extech-trade-releases) ; RHT510: [http://www.extech.com/rht510](http://www.extech.com/rht510?utm_source=vocus&utm_medium=extech-trade-release&utm_content=rht510-landing-page&utm_campaign=extech-trade-releases)

**How to Order:** Extech’s new environmental HVAC & IAQ meters are available now from Extech distributors around the world. To find a distributor in your area, please visit our website.
US: [http://www.extech.com/display/?id=15032386024](http://www.extech.com/display/?id=15032386024&utm_source=vocus&utm_medium=extech-trade-release&utm_content=hvacr-510-series-us-order&utm_campaign=extech-trade-releases)
International: [http://www.extech.com/display/?id=17571](http://www.extech.com/display/?id=17571&utm_source=vocus&utm_medium=extech-trade-release&utm_content=hvacr-510-series-intl-order&utm_campaign=extech-trade-releases)

**About Extech Instruments**

Extech Instruments, a division of FLIR Systems, Inc.’s Instruments segment, is recognized as a leader in handheld test and measurement tools worldwide. Founded in 1971, Extech is known for its depth and breadth of innovative testers and meters suited for electrical, HVACR, building/restoration, as well as a host of environmental testers for measurement of sound, light, humidity and other factors. All Extech meters are distributed worldwide through leading representatives, distributors and OEMs. The company is headquartered in Nashua, NH USA and is ISO 9001 2015 certified.

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