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International Met Systems and Anemoment Confirm Joint Atmospheric Sensor Compatibility

Boston, MA – (January 13, 2020) 100th AMS Annual Meeting – Anemoment LLC (Booth 439), a specialized meteorological instrument design firm located in Longmont, CO, and International Met Systems or **InterMet (Booth 535)**, a leading supplier of atmospheric sensors and sounding systems, announced today integration and compatibility of the following UAS-optimized atmospheric sensors and accessories:

Anemoment Products:

TriSonica Mini Wind & Weather Sensor

Anemoment Data Logger 222

InterMet Products:

iMet-XF Atmospheric Sensor Package

iMet XQ2 Second-Generation Atmospheric Sensor Package

This announcement expands the capabilities of InterMet’s atmospheric sensor packages to now capture real-time, 3-dimensional wind and airflow data. With its compact size (measurement path of just 35mm) and feather weigh (less than 50 grams), the TriSonica Mini Wind & Weather Sensor ideally complements the iMet-XF and iMet XQ2 atmospheric sensors engineered for UAS deployments.

“We have been looking for a way to add winds to our UAV sensor products and are excited to be working with Anemoment,” says Fred Clowney, President, InterMet

Systems. “No one else is even close to what they have achieved with their TriSonica sensor. The expanded compatibility announced today with Anemoment ensures that our customers can seamlessly integrate the functionality and features of the TriSonica Mini Wind & Weather Sensor with our UAS-optimized sensor packages.”

What Makes the TriSonica Mini So Unique?

It is the world's smallest and lightest 3D ultrasonic anemometer. It is small enough to fit in the palm of your hand, yet it is a powerful and highly accurate tool engineered for atmospheric monitoring, weather reporting, and ecosystem research. In addition to wind speed, direction, and temperature, the [TriSonica Mini Wind & Weather Sensor](#) can report the compass heading relative to the device (magnetic heading), the moisture borne in the wind (relative humidity), the density of the air (pressure), dew point, and the angle of the wind (pitch and roll, up to a 15° tilt). In UAS deployments, where size, weight, and power (SWAP) are critical, the TriSonica Mini truly excels over alternative wind sensors.

“InterMet and Anemoment share a synergy for quality and accuracy recognized and acknowledged by our joint customers” states Elizabeth Osborn, CEO, Anemoment. “Our collaboration with the team at InterMet further expands the feature sets these customers have come to expect from our respective companies.”

Engineered Specifically for UAS Integration

InterMet is the leading source of atmospheric sensors for low-cost UAV integration, including the configurable [iMet-XF](#) and the self-contained [iMet-XQ2](#). These radiosonde-quality sensors combine state of the art electronics for an affordable, reusable sensor package suitable for any mission requiring accurate measurements with high vertical resolution and precise spatial coordinates, including boundary layer research, atmospheric chemistry, and pollution source monitoring.



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About International Met Systems (Booth 535)

[InterMet](#) is a leading supplier of atmospheric sensors and sounding systems for synoptic, military and research applications. Since 1997, InterMet has offered high-performance radiosondes and sounding systems at affordable prices - with first-class customer service. Additional information about InterMet can be found at www.intermetsystems.com or by emailing them at info@intermetsystems.com.

About Anemoment LLC (Booth 439)

[Anemoment LLC](#) is a specialized meteorological instrument design firm located in Longmont, CO. Anemoment brings you the world's smallest and lightest 3-dimensional ultrasonic anemometer. Small enough to fit in the palm of your hand, the TriSonica Mini Wind and Weather Sensor is a highly accurate, powerful tool for anyone involved in atmospheric monitoring, weather reporting, turbulence calculations, and ecosystem research. Its size makes it well suited for portable, temporary deployments, while the fact it has no moving parts, thus eliminating maintenance issues, makes the TriSonica Mini perfect for permanent installations. With its patented wave signal noise reduction technology, the TriSonica Mini Wind and Weather Sensor gives users the power to "Know the Wind." Learn more at anemoment.com.

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International Met Systems Logo



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