FOR RELEASE: *IMMEDIATELY*

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TIDAL'S SYNERGY™ FAMILY OF ENVIRONMENTAL TEST CHAMBER CONTROLLERS UPDATED
SYNERGY MICRO 2 OFFERS MANY PERFORMANCE AND FEATURE ENHANCEMENTS

Feature-Packed Instrument Maximizes Environmental Test Chambers' Performance
While Providing Data Logging and Networking Capabilities

Randolph, NJ, September 1, 2011...Tidal Engineering, a leader in the design, development and application of embedded hardware and software for environmental test and data acquisition systems, today announced the release of its newest controller model, the Synergy™ Micro 2 environmental test chamber controller. The 4-channel, multi-processor based controller is the newest and most powerful system to date from the Synergy Series of hardware and software. Expressly engineered to enhance the performance of a broad range of test chamber and exhibiting unparalleled integration and connectivity efficiencies, the instrument is designed to retrofit easily into virtually every chamber and oven including those manufactured by Tenney, Thermotron, Envirotronics, Qualmark, and CSZ. In addition to the Synergy Micro 2, Tidal's Synergy Series is comprised of the Synergy ¼ DIN Nano controller, Synergy Web Server Software, Synergy Manager Software for control and monitoring of multiple environmental chambers, and a Synergy UUT (Unit-Under-Test) thermocouple module. The Synergy Series uniquely provides networking capabilities for office and factory automation as well as test and measurement protocols and standards.

The newest Synergy™ Controller features Web-based remote control, E-mail, improved network performance, and 100 MB logging system capacity. . It is engineered for temperature, humidity, vibration, altitude, HALT/HASS, thermal shock, and vacuum testing applications.

Offering OEMs, test labs, and re-builders/re-furbishers the ultimate in cost-effective integration of control, logging and connectivity features. The Synergy controller is ideal for use in chambers or ovens when controlled environments are essential for the testing, screening, and calibration of mission-critical systems and components. Among those industries in which the instrument can be confidently employed are electronic systems, semiconductors, aerospace, automotive, medical, and pharmaceutical. It most frequently replaces Watlow F4 and 942, Yokogawa, Partlow 1462, Thermotron, and BlueM Pro-550 environmental chamber controllers.

Utilizing the robust feature set of Microsoft® Windows® CE .NET operating system, the Synergy Micro 2 takes complete command of chambers' conditioning systems. Its logic automatically selects heating/cooling modes as required, and controls programming of process variables versus time. The Synergy Micro 2 Controller moreover gives operators the facility to program up to six custom events outputs to accommodate user applications and optional features. While two of the instrument's control channels can function for temperature control in temperature shock applications, one can be programmed to control temperature while the second manages humidity, altitude, or vibration. Temperature is measured using a platinum RTD or thermocouple, whereas electronic transducers easily accommodate other process inputs.

The controller also comes loaded with diverse sophisticated communications capabilities including RS-232, 10/100 Base-T Ethernet, GPIB (IEEE 488) and LabVIEW drivers. Units are shipped standard with 2 GB on-board Flash and 64 MB SDRAM for data logging, alarm logging and storage, along with a USB host port. Furthermore, the Synergy Controller family supports program recipes with an unlimited number of set points, auto start, hold, and jump loop steps, besides six event outputs. Built-in remote control/monitoring and a USB bar code reader are optionally offered.

To learn more about the Synergy Micro 2 visit www.tidaleng.com/synergy.htm, or contact Craig Borax at Tidal via either phone (973.328.1173) or e-mail (craig@tidaleng.com).

Base pricing for the Synergy Micro 2 Controller is $3,235 each**.** Synergy Nano Controller is $1,375 to $2,195 each**.** Retrofit kits and on-site installation are available. Delivery is from stock to 6 weeks. A Synergy Micro 2 briefcase demonstration unit is also available for evaluation.

LabVIEW™ is a trademark of National Instruments.

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About Tidal Engineering Corporation:
Headquartered in Randolph, NJ, Tidal Engineering Corporation was founded in 1992. The company is globally recognized for designing and building award-winning environmental test chamber control and data acquisition hardware and software. The company further provides application support to OEMs and end-users involved in environmental testing, lab management and data acquisition. Tidal's products and services are widely used in such industries as defense, homeland security, semiconductors, aerospace, automotive, medical, and pharmaceutical.