



Take Laboratory Accuracy to the Field

WOODLAND HILLS, CA - King Nutronics Corporation announces the launch of the Regulus 4200 Dual-Power Temperature Calibrator for Fall 2020. This revolutionary dry well metrology system arms technicians with a field-ready temperature calibration solution that performs the workload of more expensive lab-only equipment. Designed for portability, the Regulus 4200 is lightweight and easy to take to the field for in-place calibration.

The name 'Regulus', Latin for 'little king,' was borrowed from the brightest star in the constellation Leo and is considered the 'lion's heart.' The Regulus 4200 represents the first glance into a new generation of King Nutronics products designed around advanced ARM microprocessors, embedded Linux and RTOS architecture, smaller footprints for better portability and superior energy-efficiency. Introducing new technology-driven features and maintaining traditional King Nutronics durability, accuracy and precision engineering, the Regulus 4200 is perfectly suited for commercial markets such as utility providers, petrochemical processing and pharmaceutical manufacturing industries.

The Regulus 4200 breaks new ground in energy efficiency for calibration equipment. It has the ability to modulate between AC and DC current to conserve power and stabilize setpoints (+/- 0.02°F stability). The dual-power feature uses AC power to rapidly heat the device to target temperatures (3 amps max draw), then modulates to DC power for maintaining the setpoint with minimal electricity usage (0.5 amps or less).

"The metrology industry, like all of us, is focused on managing resources," said Leslie King, CEO of King Nutronics. "The Regulus 4200 has a patent-pending, dual-power modulation feature that reduces electricity demand by as much as 80%. A consumption differential of that magnitude will help reduce laboratory variable expenses and translate to a more profitable bottom line."

Designed to be small and light, the Regulus 4200 also can operate completely off the grid with an aftermarket portable power pack (sourced separately). With its revolutionary Aerogel insulation, dual-zone well design and the dual-power modulation, heat exhaust is practically eliminated and power draw is the industry's lowest. With a low maximum amperage draw of 3 amps and minimal total energy consumption of 1100 W for the highest setpoint, the Regulus 4200 can pair with a variety of portable power pack options for all-day use in the field and to completely eliminate the need for wall-supplied power.

"We are excited to break into the commercial marketplace with a compact, tough and reliable product like the Regulus 4200," said Robert Welther, President of King Nutronics. "The innovative new technology will rewrite the definition of field metrology for lab technicians in industries across the board, like aviation, petrochem and utilities."

Launching this Fall, the Regulus 4200 will be available through King Nutronics and authorized distributors. More details are available on King Nutronics' website, as are additional products already in the pipeline to grow the Regulus product offering.

About King Nutronics

King Nutronics is a 60-year-old, American manufacturer of pressure, temperature, torque and force measurement metrology equipment for the defense, aviation, petrochemical and utility industries. Our products are precision-engineered for durability and accuracy to reliably perform in the field or in the laboratory, giving technicians unmatched confidence in calibration. Learn more at www.kingnutronics.com. *Measure the difference.*

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