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Heathrow Scientific Introduces a High Performance Magnetic Induction Stirrer (motor-less) to its Laboratory Equipment Line

Vernon Hills, IL, September 11, 2018 – Heathrow Scientific, a leader in manufacturing bench top equipment and lab essentials for scientific and clinical markets announces the introduction of a Magnetic Induction Stirrer (3 liter plus) to their laboratory equipment line. The stirrer uses advanced coil technology that produces the strongest magnetic coupling for mixing viscous solutions and significantly reduces the chance of magnet spin-outs at higher stirring speeds. The Magnetic Induction Stirrer is motor-less, with no moving parts, making it 100% wear-free and maintenance free, reducing the cost of ownership.

The magnetic coil technology works on the inductive principle with alternative current (AC) as its driving force. The generated moving magnetic field drives the rotation of the stir bar in the vessel. Using this advanced technology delivers several advantages. No heat is generated after hours or even days of continuous use which makes the stirrer ideal for temperature sensitive samples and environments. Quiet operation helps users stay focused in the laboratory. Digital control assures a constant continuous speed for reproducible results.

The Magnetic Induction Stirrer is programmable with an easy to read digital display that precisely controls time (30 seconds to 60 minutes, variable, 1 second increments or continuous) and speed (10 to 2,000 rpm variable, 1 rpm increments). The low speeds are ideal for work with sensitive samples such as cell lines and the high speeds for more aggressive mixing to quickly achieve full dilution of samples in solution. For optimal mixing of samples, the unit can be programmed using one of three modes, single clockwise, single counter-clockwise and auto reverse rotation (1 to 99 cycles).

The Magnetic Induction Stirrer is ideal for use in general research, life science, industrial, quality analysis, pharma, higher education and clinical laboratory settings. The unit is safety certified and approved to meet international standards (CE, SGS, RoHS2, WEEE). Operates from 100-240V power sources, comes with a selection of four different plug types and includes a three-year warranty. Patent information, Community Design No: 003515337-0001-0002, Euro. Pat. App. 3 246 088, US Design Patent No. D814,045.

Founded in 1996, Heathrow Scientific enables our global dealer network to meet their customer requirements by providing world-class products that exceeds expectations and delivers high quality,





innovative laboratory products that solves problems and improves productivity. With over 14 product patents on innovative products, Heathrow Scientific has a 99.7% reliability on lab equipment and 99.99% reliability on laboratory supplies. Heathrow Scientific supplies over 400 distributors globally. www.heathrowscientific.com ##

