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Thermo Fisher Scientific launches energy-efficient LN2 cryogenic storage solutions

22 May 2013 | News | By BioSpectrum Bureau

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Thermo Fisher Scientific has launched the Thermo Scientific CryoPlus LN2 series for long-term storage of frozen cells. Ensuring precise and accurate control over all parameters without complicated programming, the CryoPlus series' combines liquid nitrogen storage and microprocessor technology allowing complete reliability. The easy-to-use auto-filling technology provides user convenience, along with visual identification of LN2 levels. Available with storage capacities of 6,318, 13,000, 24,000 and 38,500 vials (2.0ml), the CryoPlus series is able to meet the storage and space requirements for any laboratory. Furthermore, super-low power consumption and no heat rejection provide environmentally-friendly benefits for today's "green" laboratories.

The Thermo Scientific CryoPlus series features sensitive liquid level sensors located at the exterior base of the tank, which maximizes storage capabilities while minimizing sensor damage from inventory rack movement. The high-quality 18-guage, cold-rolled steel exterior cabinet has a uniform finish that resists chipping and rust. 16 preset audible and visual alarm combinations provide optimal product protection. Furthermore, a unique 24 tri-color LED element continuously displays the actual liquid nitrogen level and high-level/low-level setpoints, enabling easy visualization of the system status as well as any alarm conditions. Additionally, an automatic de-fogger is incorporated into the manual fill index to improve visibility during retrieval.

Safe sample storage is facilitated through the use of vacuum insulation, minimizing the risk of condensation and ensuring that optimum temperatures are maintained. As such, the Thermo Scientific CryoPlus LN2 cryogenic storage series provide a consistently high-performance for the long-term viability of frozen cells.