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## NEWS RELEASE

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### **LIGHTNIN MBI MagMixers Offer Cleanability, Durability and Performance Over Wider Size Range**

ROCHESTER, NY (2003) –LIGHTNIN – Lightnin’s MagMixer MBI product line has been extended to include the new MBI 205, an equally versatile version of the MBI family, but with a smaller footprint, making it suit able for solutions in closed tanks from 20 liters. The new MBI 205 further establishes the MBI Series for its benchmark cleanability, durability and performance in pharmaceutical and biotechnology applications.

“The MagMixer is Lightnin’s leading SanStar™ mixer – hundreds are in use in sanitary processing and storage applications, including plasma fractions, vaccines, injectables, media formulations and protein suspensions,” states Paul Kubera, Product Manager for the MagMixer line. “Whether proven in factory acceptance tests or in actual operation, the MBI offers customers the utmost in proven performance with demonstrated reliability and ease of maintenance,” Kubera said.

The MagMixer Series features a dry-running Hyper-Flo™ bearing design. Unlike conventional sleeve bearing designs, the Hyper-Flo bearing will not fracture due to rough handling. The bearings also can run dry without damage during CIP cycles to permit complete draining of the tank. For service, the bearings can be easily removed and replaced using a pair of snap ring pliers.

Complete cleanability of the MBI Series also has been demonstrated using a variety of CIP protocols – including flooding and spray-ball – and in conditions involving sticky, hard-to-clean soils. A recent independent study further confirms the MagMixer’s cleanability using the fixed spray-ball process.

The MBI’s magnetic coupling design also reduces the build up of particulate matter, as well as minimizes the surface area requiring cleaning. In addition, its one-piece stainless steel tank plate and flow-through channels virtually eliminate contamination concerns in pharmaceutical and bio-tech applications.

The MBI’s bottom-entry design also provides a low center of gravity on mobile units for increased stability during transport. Mixer performance likewise has been improved in the MBI Series, with the unit’s advanced three-bladed impeller increases flow by 30% for improved mixing.

To demonstrate that FDA-mandated Good Manufacturing Practices (cGMP) guidelines have been met, biotechnology and pharmaceutical customers may order quality Assurance Documentation (QAD) when they purchase an MBI MagMixer.

For more information about MBI MagMixers or any other Lightnin Mixer, contact a local LIGHTNIN Sales Representative. Visit LIGHTNIN’s website at [www.lightninmixers.com](http://www.lightninmixers.com), or call 1-888-MIX-BEST (U.S. and Canada), 585-527-1623 (worldwide).

*Lightnin is a division of SPX Process Equipment ([www.spxprocessequipment.com](http://www.spxprocessequipment.com)).*



MBI 205