

## **Lifecycle Biotechnologies Introduces the HELIX Oscillating Biomixer**

*Lifecycle launches the patented HELIX Oscillating Biomixer for manufacturers of high value solutions to reduce contamination risks*

Fort Worth, TX-based Lifecycle Biotechnologies announced today that it has launched its patented HELIX Oscillating Biomixer® for manufacturers of life sciences products. The HELIX is a rugged, cost-effective, polypropylene carboy with unique design features that allows users to mix the contents inside the sealed vessel using the external oscillation action of the mated Turn Table. The HELIX requires no additional mixing equipment, thus eliminating a source of contamination from open top mixing or use of unclean stirrers. Both the HELIX Oscillating Biomixer® and its Turn Table are produced at Lifecycle's San Antonio and Cleburne facilities and available through its distribution partners or new e-commerce site. The Turn Table is also available for lease.

Ronald Gohdes, VP of Engineering and co-inventor, stated "For manufacturers of high-valued biologicals, the HELIX is revolutionary because it logically solves a challenge we encountered many times. Unless you are mixing inside a sterile suite, the risk of external contamination is real when using conventional mixing vessels and prop mixing blades. This product can go from the autoclave, to charging and mixing in the same vessel, even in a cold box if necessary. Before fill, an operator only has to put it back on the Turn Table to blend just before filling, all without opening the vessel to the outside environment. Although we developed the HELIX as a biological manufacturer and want to market it to like manufacturers, it has a much wider audience."

"I am proud of our Lifecycle team that conceived, developed and now manufacture the HELIX, as testament to their skills, especially considering these trying times." said Cody Yarborough, CEO for Lifecycle Biotechnologies and co-inventor. "Any life sciences laboratory, pilot plant or production activity that requires sensitive mixing up to 50L can benefit from this device. It also will not break any budget as we kept cost containment in mind. Even if a company purchases the HELIX as a storage vessel only, they will benefit from exacting specifications, a robust supply chain and a willing partner. Manufacturers will easily advance their own production methods in ways other carboys are limited."

To learn more about HELIX Oscillating Biomixer or about Lifecycle Biotechnologies the company, please contact them at [info@lifecyclebio.com](mailto:info@lifecyclebio.com).



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