



Hosokawa Micron Provides Mixing Capability for On-Site Testing and Experimental Purposes

Leader in particulate technology Hosokawa Micron has expanded its established range of Vrieco Nauta conical mixers with a mixer dedicated to laboratory use. Designed for testing and experimental purposes, the Minimix produces small batches of product for test purposes, the results of which can be used for scaling-up to larger mixer sizes.

Using Vrieco Nauta mixing technology, the new mini mixer has been developed as a batch mixer for a wide range of powders, pastes and slurries, and meets all FDA, GMP and Industry Standards. The unit includes a compact drive unit, non-lubricated orbit arm and is designed for easy cleaning between batches.

With variable speeds on both the rotating screw and its orbital arm, the Minimix controls the continuous movement of product from the bottom of the vessel to the top whilst the orbital arm revolves the screw around the inner vessel wall. The product then flows downwards into the centre of the vessel, completing the intensive and highly efficient mixing action.

Manufactured from stainless steel and available in a range of sizes from 5 to 20 litres, the mixer includes exchangeable containers for quick and simple batch exchanges, helping avoid cross contamination between batches. Screw speed can be set between 120-300 rpm whilst the orbital arm rotates at 4-10 rpm.

