

NEW PRODUCT

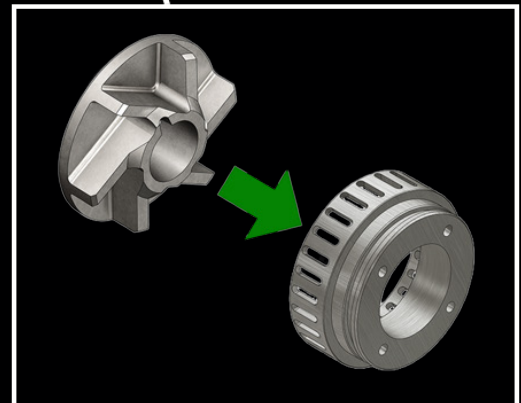
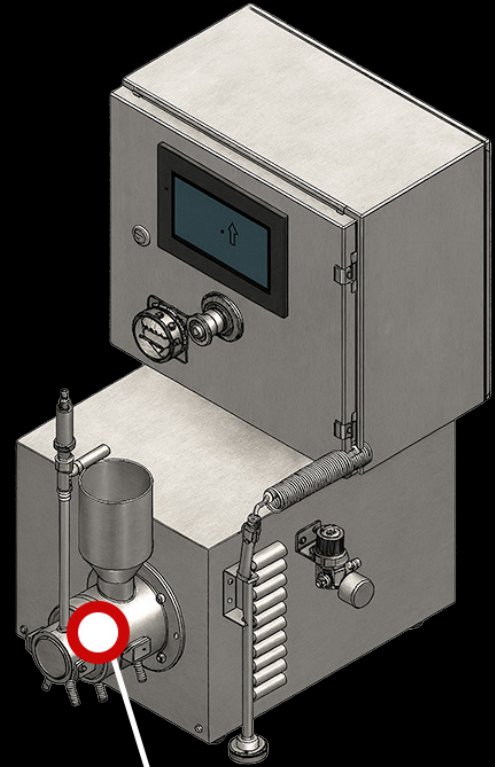
INLINE DISPERSION SCALED FOR LAB AND PILOT PRODUCTION

The Lab ILD brings Schold's proven ILD technology into a compact, bench-top design built for laboratory, pilot, and small-batch processing. Engineered as a self-contained system, the Lab ILD delivers high-shear mixing, dispersion, and emulsification—without the need for grinding media.

Product is introduced into the chamber and sheared between the rotor and stator, imparting intense energy to rapidly disperse solids, break down agglomerates, and create stable, homogeneous mixtures. This same core ILD technology enables efficient single-pass or recirculation processing in a controlled, small-scale environment.

Ideal for product development, quality control, and process validation, the Lab ILD allows operators to replicate production-level dispersion on a smaller scale. Its compact footprint and integrated design make it easy to operate, clean, and incorporate into existing lab workflows.

Whether you're evaluating formulations, troubleshooting production challenges, or scaling up a process, the Lab ILD provides a fast, reliable, and media-free inline solution.



Interior View of Rotor and Stator

**BETTER
DISPERSING**

