



YSTRAL CONTI-TDS INDUCTS AEROSILS AND OTHER SILICAS



The Ystral Conti-TDS brings major efficiencies to production processes involving the induction of highly dispersed silicas such as Aerosil into liquids. The unit can induct and disperse these silica powders from significant distances due to their low bulk densities and then disperse an agglomerate-free liquid – without losing product or having harmful dust escape into the environment. The Conti-TDS inducts by creating a vacuum in its high shear dispersing zone. This leads to immediate powder wetting and effective dispersion with complete de-agglomeration. The unit offers induction rates up to 800 lbs./min. and shear speed up to 100 ft./sec. with shear gradient $50,000 \text{ sec.}^{-1}$

Powder Technologies, Inc., (PTI) exclusive distributor of Ystral powder and liquid processing systems throughout North America, offers the Conti-TDS as one of its solutions for processing applications in the food, cosmetics, pharmaceutical, chemical and coatings industries. Silica induction applications where the Conti-TDS has been put to the test include gel coats, epoxy resins and glues, polyurethane sealants, silicon sealants, paper coatings, toothpaste, nano coatings and battery gels. The Conti-TDS has been certified by 3-A Sanitary Standards, Inc. (3-A SSI).

Typical installation for the Conti-TDS is within a recirculation operation attached to a vessel. It easily integrates into existing processing systems and can be attached to several vessels or mobilized to work in different production areas. Product changes are easy to handle and the unit offers clean in place without disassembly.

For more information, call 609-914-0521.