

## *LAMBDAVITA*<sup>®</sup> Type US and Typ UST

ULTRA-Shear Homogenizer and ULTRA-Shear-TWIN Homogenizer

# ULTRA-Shear Homogenizer

*LAMBDAVITA*® Type U

## Inline-homogenizers acc. to rotor-stator, resp. rotor-rotor principle – Quality right into the Detail

With shear speeds of 50 m/s (rotor-stator principle) up to 100 m/s (rotor-rotor principle) an optimal shearforce for each individual emulsion can be selected.

The ULTRA-Shear-TWIN homogenizers *LAMBDAVITA*® are the latest development of the NETZSCH Vakumix technology. They stand out because of their broad performance and application range. Nano particle sizes can be produced even with highly-viscous emulsions.

The variable RPM-range of the NETZSCH Vakumix ULTRA-Shear-TWIN homogenizers *LAMBDAVITA*®, whose rotors can run either in parallel or in counter-rotation, variable shear speeds, resp. shear rates can be achieved. The variable parallel mode enables independent setting of pump- and homogenizing power. Thus, the NETZSCH Vakumix ULTRA-Shear-TWIN Homogenizers *LAMBDAVITA*® offer unequalled power- and application possibilities.

### Homogenizer *LAMBDAVITA*®

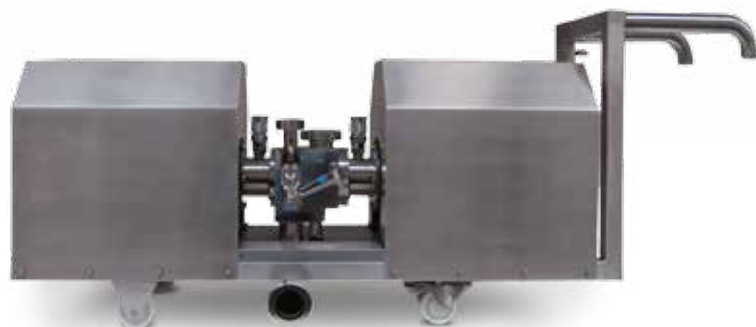
- Smaller particle sizes
- Increased density of particle size distribution
- Increased production efficiency
- Increased flexibility
- Broader application range
- Wider product variety

# S and UST

The units can be integrated into NETZSCH Vakumix-machines or adapted to existing systems.

Flexibility and efficiency of your production can be increased substantially! NETZSCH Vakumix ULTRA Shear *LAMBDAVITA*® and ULTRA-Shear-TWIN *LAMBDAVITA*® stand for:

- Smaller particle sizes
- Increased density of particle size distribution
- Increased production efficiency
- Increased flexibility
- Broader application range
- Wider product variety



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