

# YTRON-ZC Dispersing Table



- Dispersing of powders in a single pass without the formation of any agglomerates
- Versatile system to be used e.g. for dispersing of hydrocolloids of all kind, starches, milk proteins, MC, CMC, HPMC, guar, pectin, carbomeres
- Instantaneous dispersion in a single pass means a significant reduction of hydration time.



YTRON® PROCESS TECHNOLOGY

## Technical data

Water/liquid flow rates	6.000-8.000 l/h
Powder capacity, depending on type of powder	max. 1.500 kg/h
Rotor speed (adjustable, max. value)	ca. 6.000 1/min
Total power required 7,70	
Mechanical seal Single acting or with quench	
Liquid inlet	DN 40
Liquid outlet	DN 50
Powder inlet	DN 50
Volume of hopper	ca. 15 l
Standard dimensions (LxWxH mm)	1250 x 700 x 1000
Max. allowable discharge pressure approx.	1,0 bar

## Advantages:

- In a single pass setup, the use of this YTRON means no shear damage to shear sensitive thickeners. When used in recirculation, the YTRON can be used to apply a defined amount of shear to homogenize or emulsify the product.
- Rotor/Stator slot widths and combinations are selected to suit the specific purpose.
- No introduction of addition of air except the air present between the powder particles.
- High efficient dispersing in combination with low energy input
- ATEX rated version available for zone 1; 2; 21; 22