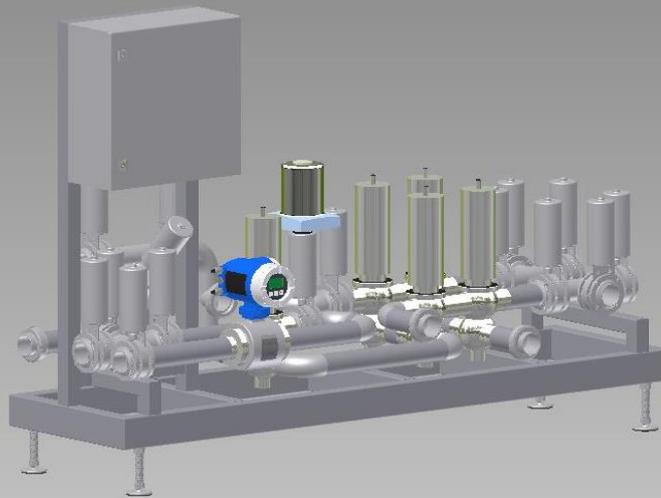


Pitching of Yeast

YeastPitch



The Principle

The yeast dosing unit YeastPitch is a fully automated system that measures and controls the addition of liquid yeast into the wort line with extreme precision. In the standard design the skid is equipped with accurate flow meters. Optionally, turbidity sensors or a live yeast cell monitor can be used. Differential turbidity measurement before and after yeast dosing ensures that the right amount of yeast is dosed into the wort. Variations in the basic turbidity of the wort are automatically compensated for. As an alternative to differential turbidity measurement, the dosed yeast can be controlled by in-line live cell measurement. A specifically designed injector then blends the yeast and the wort together. The yeast cells are homogeneously distributed throughout the wort by a Vortex effect inside the injector. Due to its compact and modular design, the skid can easily be combined for example with a wort aerating system. The system can also be designed for dosing yeast into juice as required for the production of cider and wine.

Typical Technical Data

Capacity	10 - 3.000 hl/h
Dosing Range Yeast Cells	10 - 100 Mio./ml
Material	1.4301/AISI 304; 1.4404/AISI 316L; etc.
Options	in-line O ₂ measurement turbidity sensors live yeast cell monitor booster pump wort aeration

Highlights

High precision sensor technology for process control
Specifically designed Vortex-Venturi injector for yeast cell dosage
Customized design; different automation levels

The Centec Group

Centec offer fully automated, skid-mounted process units and high precision measurement technology from a single source. Our systems and sensors are engineered to perfectly meet the most demanding requirements of the brewery, beverage, food and pharmaceutical industries. With a team of experienced engineers, we aim to create quantifiable added value for our customers. We are your partner from planning and design through to commissioning of your plant.



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