



**APPROVED  
SCALABILITY**

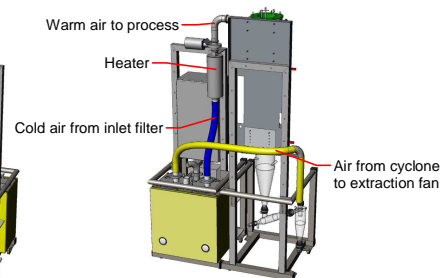
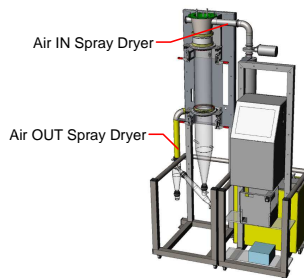
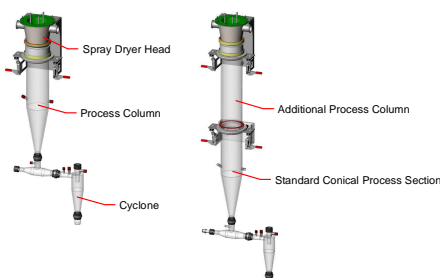
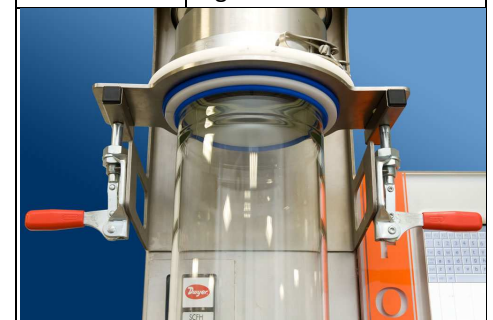


**Modularity Member!**

## General Description

- Drying capacity max. 1 litre water per hour (> for organic solvents)
- Efficient from the first droplet
- High yield (> 90%) with ultra small quantities (as from 0,25 ml)
- Particles from 1 to 100µm
- No sticking, no baking
- Cyclone optimisation
- Laminar airflow and turbulent airflow versions
- Negative process pressure
- Water & organic solvent processing
- Multiple nozzles (monofluid/ultrasonic, bi-fluid and multi-fluid) and dosing pumps
- Different levels of control modules possible (see modular documentation)
- Integrated on a trolley, wall mounted or on a table stand

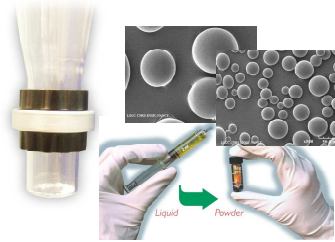
Column length	Process
80 cm	Organic solvents
140 cm	Water processing
170 cm	High water concentrations



# Spray Dryer

## Simple to use & full transparency

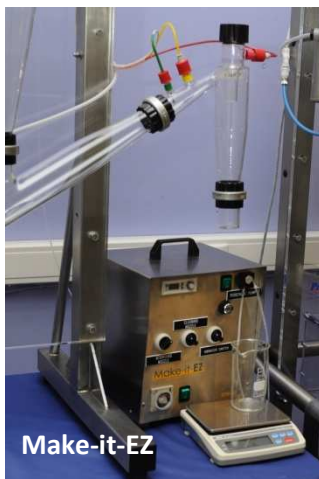
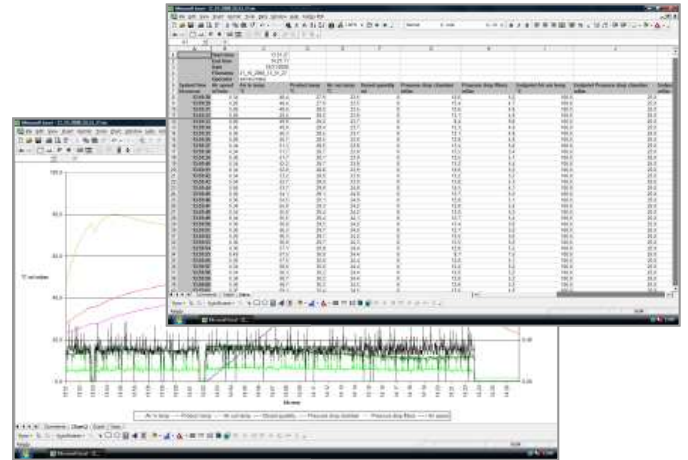
- Very efficient bifluid atomising nozzle with various nozzle tips
- Full transparent glass processing column and cyclone for good visibility
- Easy cleanability and strip down of components in minutes
- Easy filling, discharging and sampling
- Different cyclone set-ups for particles from 1-100  $\mu$
- Product cooling for temperature sensitive products
- Installation in containment isolator possible
- Disposable process section for highly toxic applications
- Wash-in-place system



Also fully contained solutions

## High Accuracy

- Critical process data such as temperatures, pressures, speeds, loss on weight and atomising gas flow are handled by the control unit
- Real time graphs and batch reporting capability
- Accurate mass flow controllers possible for process airflow and atomising nozzle
- Optional liquid & gas dosing system (Make-it-EZ) for atomising nozzle and blowback of process filters
- **SPECIAL MICRO-ENCAPSULATION APPLICATION**



Make-it-EZ



Trolley mounted



Wall mounted