The small scale spray drying plant, Anhydro MicraSpray 150, is designed for drying of products in small-scale production, R&D departments, universities and public institutions worldwide. This dryer is designed with specific focus on flexibility in the design and configuration, safety during operation, process control, ease of cleaning/sanitary design and scalability.

The small scale dryer is used worldwide by customers in the food, dairy, chemical and pharmaceutical industries.

The design of the dryer is based on a unique modular concept consisting of a basic plant and a large number of optional items, which enables customers to customize each plant to match their exact requirements.

**Included Equipment for a Basic Plant**

- Feed vat
- Peristaltic feed pump
- Feed line
- Two-fluid nozzle atomizer, co-current
- Air intake filter
- Electrical air heater
- Drying chamber with rupture disc for explosion protection
- Drying chamber prepared for installation of pneumatic hammer(s)
- Cyclone with powder container
- Exhaust fan and ducting
- Control panel with PLC incl. touch screen and data logging facility
- Support structure

**Other Versions**

- Closed circuit

**Optional Equipment for a Basic Plant**

- Two-fluid nozzle atomizer, counter-current
- Centrifugal Atomizer with optional ATEX components
- Fine inlet air filter or HEPA filters
- Pneumatic hammer
- Two-point discharge
- Rotary valve
- Bag filter
- Additional powder container
- Vent duct
- Indoor explosion venting system
- Simple manual cleaning equipment
- GMP/Qualification documentation (IQ, OQ)

For other specific requirements please contact SPX FLOW
The MicraSpray 150 plant design complies with regulations and standards according to CE, ATEX, and GMP guidelines for material intended to come into contact with Food.

Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader. For more information, please visit www.spxflow.com