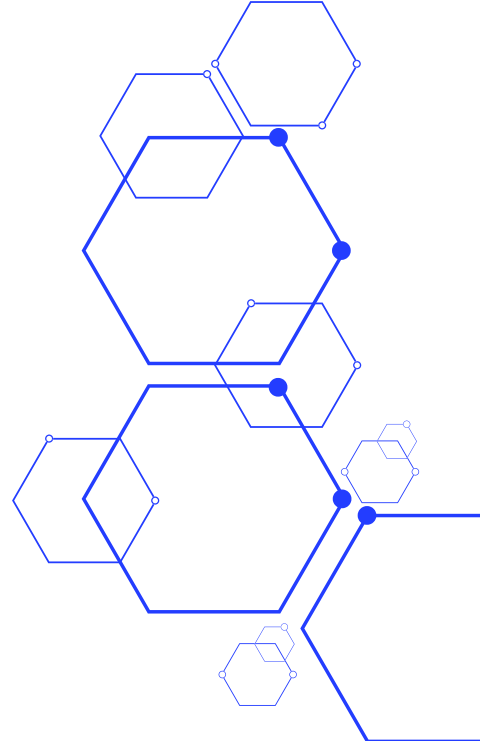


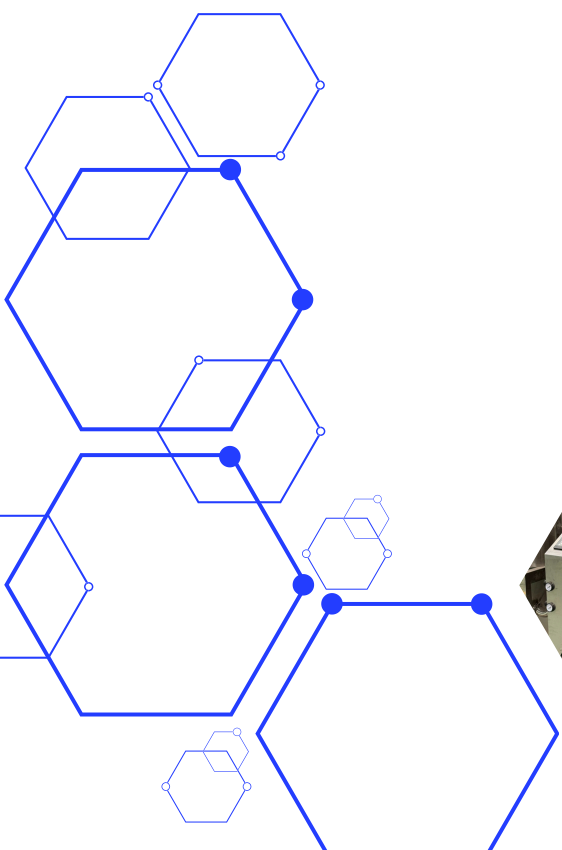


Global solutions for a growing world



SPRAY DRYER FROM 40 TO 2000L/H

SPRAY DRYER/ SPRAY DRYING EQUIPMENT FROM 40 TO 2000 L/H



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SPRAY DRYER/ SPRAY DRYING EQUIPMENT FROM 40 TO 2000 L/H

MODEL: SPRAY DRYER FROM 40 TO 2000L/H

At TECHMI GROUP, we develop spray dryer equipment designed to offer high-efficiency drying solutions for industries seeking quality, precision, and scalability in their production processes. With advanced technology and design flexibility, our equipment adds value at every stage of drying liquids and powder solutions.

MATERIAL: Stainless Steel

APPLICATIONS:

Adaptable to a wide range of products, from food and beverages to pharmaceuticals, chemicals, and cosmetics, ensuring efficient drying regardless of product viscosity or composition.

DETAILS:

- 304 stainless steel
- Touchscreen control
- Temperature protection
- Intelligent P.I.D. control

FEATURES:

- Designed for Research and Development: Designed for research and development environments.
- High-Strength Borosilicate Glass Construction: Made with borosilicate glass, a material that resists strong acids and alkalis, as well as high temperatures.
- Quiet Operation and Optimal Flow: Receiver tank power designed to ensure excellent flow, with a noise level that remains below 60 dB, complying with GMP standards.
- Precise Temperature and Flow Control: PID control system that allows precise adjustment of inlet and outlet temperature.
- Ready for Immediate Use: Stand-alone, fully assembled system.
- Adjustable Feeding and Efficient Atomization: rotary pump for product feeding.
- Automatic Unlocking Device: automatic unlocking device.



TECHNICAL PARAMETERS:

Model	50	100	150	200-2000
Inlet temperature °C	140-350			
Outlet temperature (°C)	80-90			
Moisture maximum evaporation (kg/h)	50	100	150	200-2000
Rotation form of centrifugal spray head	Mechanical transmission			
Rotating speed (r.p.m)	18000	18000	15000	8000-15000
Diameter of spray disc (mm)	120	140	150	180-340
Heat source	Electricity+ steam, fuel oil, gas			According to the actual situation
Electric heating power (kw)	63	81	99	
Length*width*height m	3.7x3.2x5.1	4.6x4.2x6	5.5x4.5x7	
Dry powder recovery rate(%)	≥95			

COMPLIANCE WITH GLOBAL REGULATIONS:

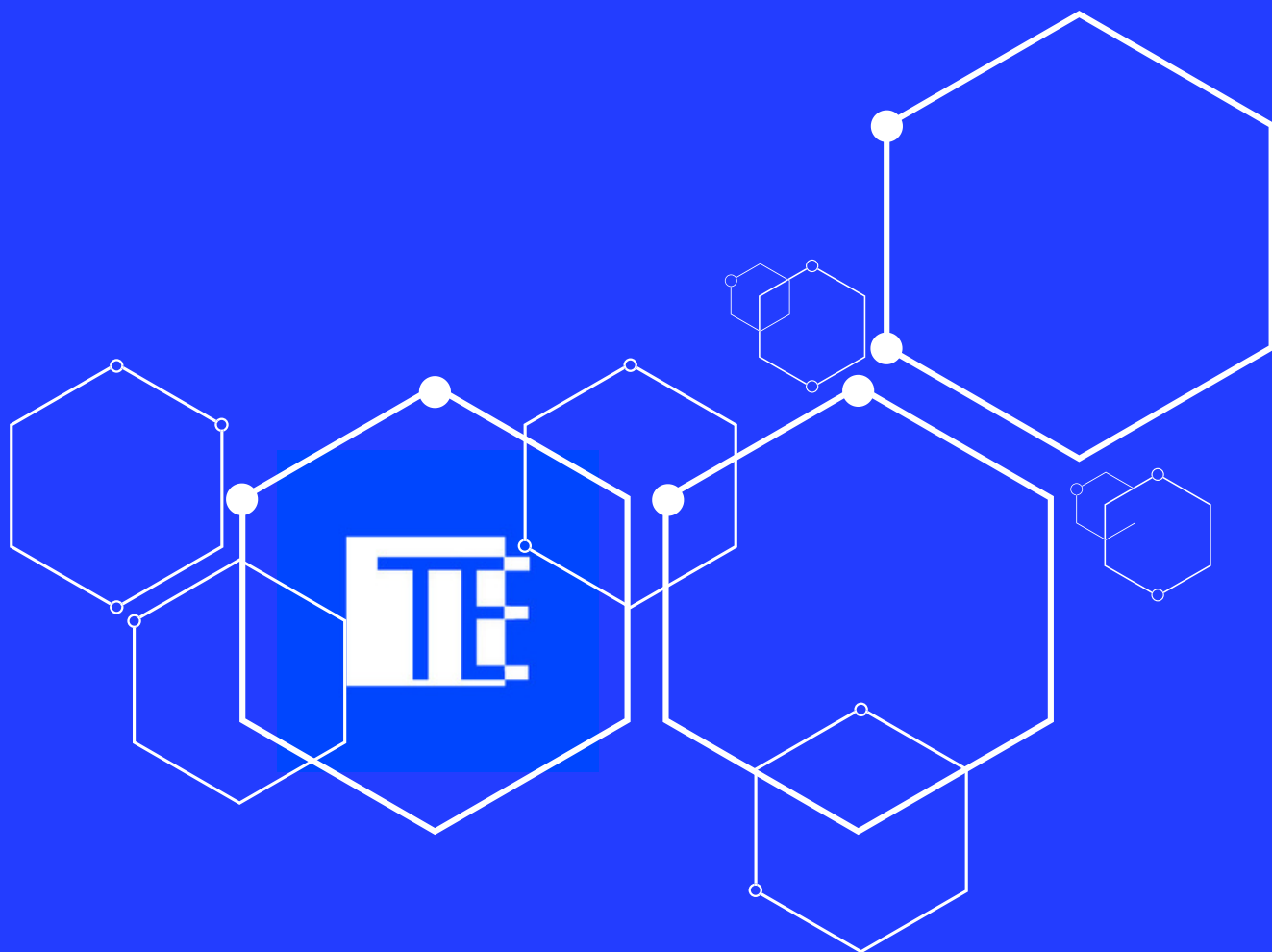
At **TECHMI Group**, we understand the importance of regulatory compliance in the biotechnology industry. Our spray dryer equipment is designed to comply with a wide range of international regulations, including GMP (Good Manufacturing Practices), FDA, and CE guidelines, ensuring that your processes are safe and ready for regulatory approval.

Made with high-quality materials, our fermenters not only meet the strictest hygiene and safety standards, but also offer durability and strength, ensuring long-term, reliable operation.

We offer comprehensive and detailed documentation that accompanies each fermenter, facilitating audits and compliance with industry-specific regulations. This includes operating manuals, material certificates, and validation testing, all designed to simplify the regulatory process.

In addition to meeting standard regulations, our fermenters can be customized to meet the specific regulatory requirements of your industry or region, ensuring your equipment is fully aligned with local regulatory requirements.

Reliable Innovation and Guaranteed Compliance With TECHMI Group spray dryers, you not only get advanced and efficient equipment, but also the peace of mind of knowing your process is backed by technology that meets the strictest regulations.



EUROPA

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