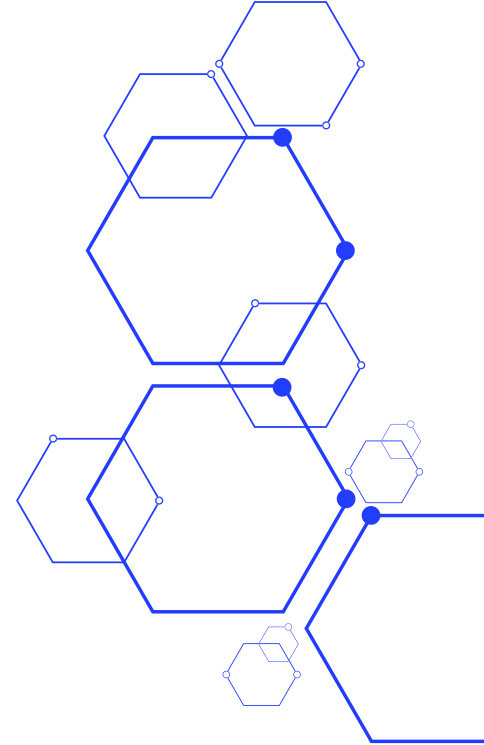


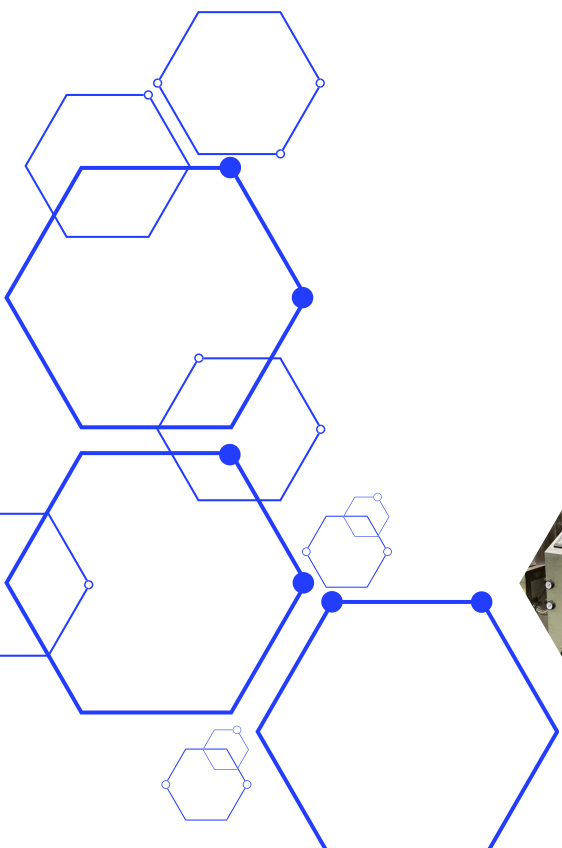


Global solutions for a growing world



SPRAY DRYER FROM 10L/H

SPRAY DRYER/ SPRAY DRYING EQUIPMENT FROM 10L/H



SPRAY DRYER FROM 10L/H

SPRAY DRYER/ SPRAY DRYING EQUIPMENT FROM 10L/H

MODEL: SPRAY DRYER FROM 10L/H

The 10-liter spray dryer is designed to meet the demands of large-scale drying processes, combining high efficiency, precision, and versatility. This system uses centrifugal atomization to transform liquids, suspensions, or emulsions into dry particles of uniform size, making it ideal for industries such as food, pharmaceutical, chemical, and biotechnology.

MATERIAL: Stainless Steel

APPLICATIONS:

- Fine powders in the food industry (dairy, instant coffee, flavors).
- Active pharmaceutical ingredients and excipients.
- Chemical materials such as polymers, pigments or catalysts.
- Biological crops, enzymes and biotechnological products.

DETAILS:

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

FEATURES:

- Modelo: SPRAY DRYER 10L
- Inlet temperature: 140-350°C
- Outlet temperature: 80-90°C
- Rotation speed: 25000 rpm
- Heat source: Electricity
- Spray disc diameter 50mm
- Electric heating power: 20kw
- Dry powder recovery rate: ≥95%.
- Length*width*height: 3.2x1.5x2.4m
- Maximum moisture evaporation: 10kg/h
- Rotation form of centrifugal spray head: Compressed air transmission



Model	SPRAY DRYER 10L
Inlet temperature °C	140-350
Outlet temperature °C	80-90
Maximum moisture evaporation (kg/h)	10
Rotation form of centrifugal spray head	Compressed air transmission
Rotational speed (rpm)	25000
Spray disc diameter (mm)	50
Heat source	Electricity
Electric heating power (kw)	20
Length*width*height m	3,2x1,5x 2.4
Dry powder recovery rate (%)	≥95

TECHNICAL PARAMETERS:

Modelo: SPRAY DRYER 10L	Inlet temperature: 140-350°C
Outlet temperature: 80-90°C	Rotation speed: 25000r.p.m.
Heat source: Electricity	Spray disc diameter: 50 mm
Electric heating power: 20kw	Dry powder recovery rate: ≥95%
Length*width*height: 3.2x1.5x2.4m	
Maximum moisture evaporation: 10 kg/h	
Rotation form of centrifugal spray head: Compressed air transmission	

COMPLIANCE WITH GLOBAL REGULATIONS:

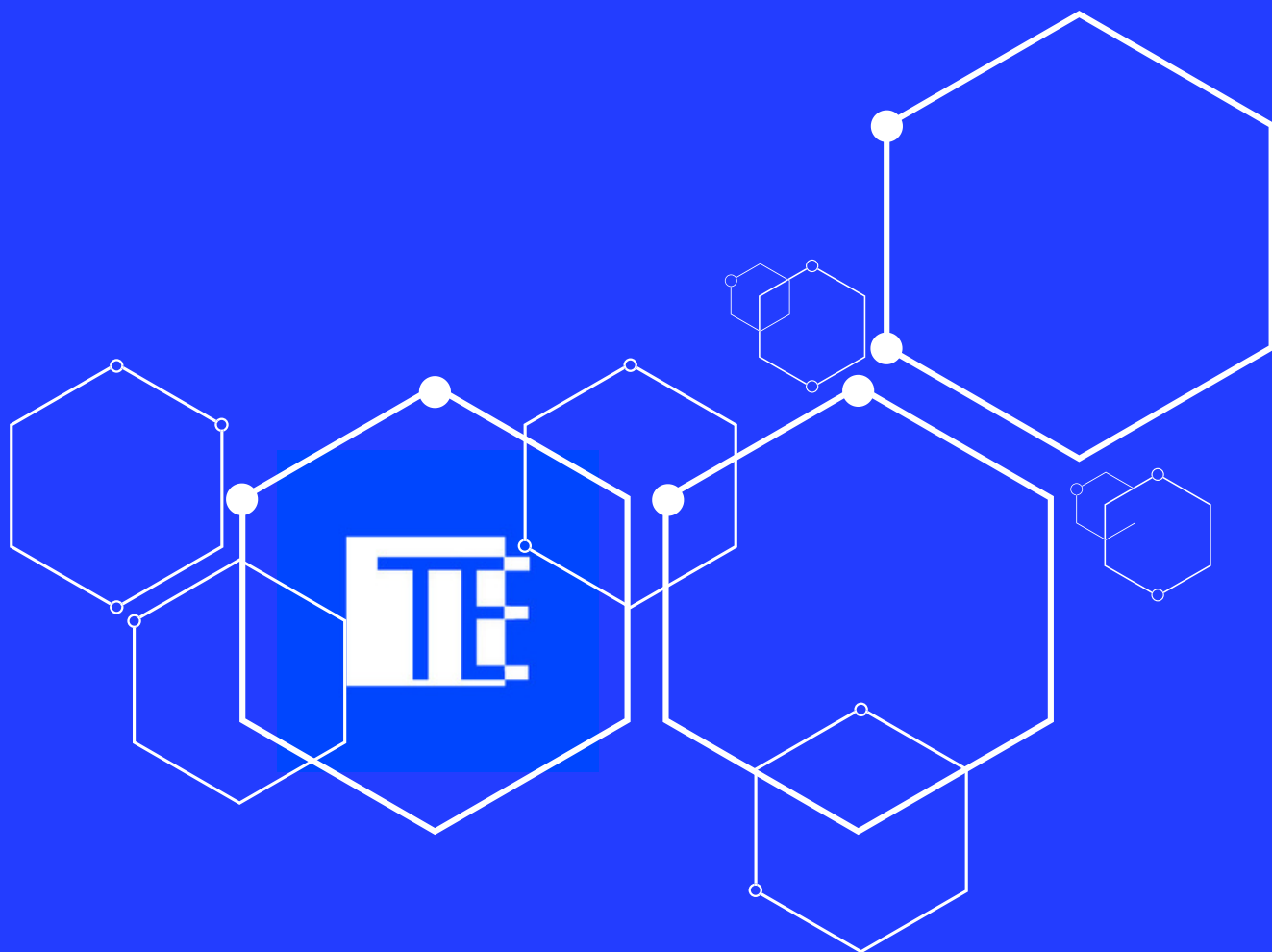
At **TECHMI Group**, we understand the importance of regulatory compliance in the biotechnology industry. Our spray dryer equipment is designed to comply with a wide range of international regulations, including GMP (Good Manufacturing Practices), FDA, and CE guidelines, ensuring that your processes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



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