TECHMI Group

Global Solutions for a Growing World

SPRAY DRYER 3L



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3-LITER SPRAY DRYER UNIT

The **3-liter Spray Dryer** is the ideal solution for small-scale drying processes that require precision and consistency. Designed specifically for research laboratories and pilot production facilities, this equipment quickly and efficiently transforms liquids into dry powder, ensuring superior quality in the final product. Its compact design makes it perfect for laboratories with limited space, without compromising performance.

KEY FEATURES

- Water evaporation capacity: Range: 1,500 ml/h to 3,000 ml/h.
- Air compressor: Power: 1.2 kW.
- Temperature control accuracy: ±1 °C.
- Fan power and volume: 0.55 kW, 100 m^3/h.
- Adjustment via peristaltic pump.
- Total power: 5 kW / 220 V.

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SERVICES

CUSTOM ENGINEERING



At Techmi Group, we develop customized solutions tailored to the needs of each industrial process. Our engineering team designs equipment and complete production lines that optimize productivity, automation, integration, and scalability for industries such as biotechnology, chemicals, pharmaceuticals, and food.

RESEARCH AND DEVELOPMENT

We have an R&D&I department and our own laboratory dedicated to the development, validation, and scaling of processes. We conduct pilot tests and optimize parameters to help our clients transform ideas and laboratory developments into efficient and reproducible industrial processes.



COMMISSIONING

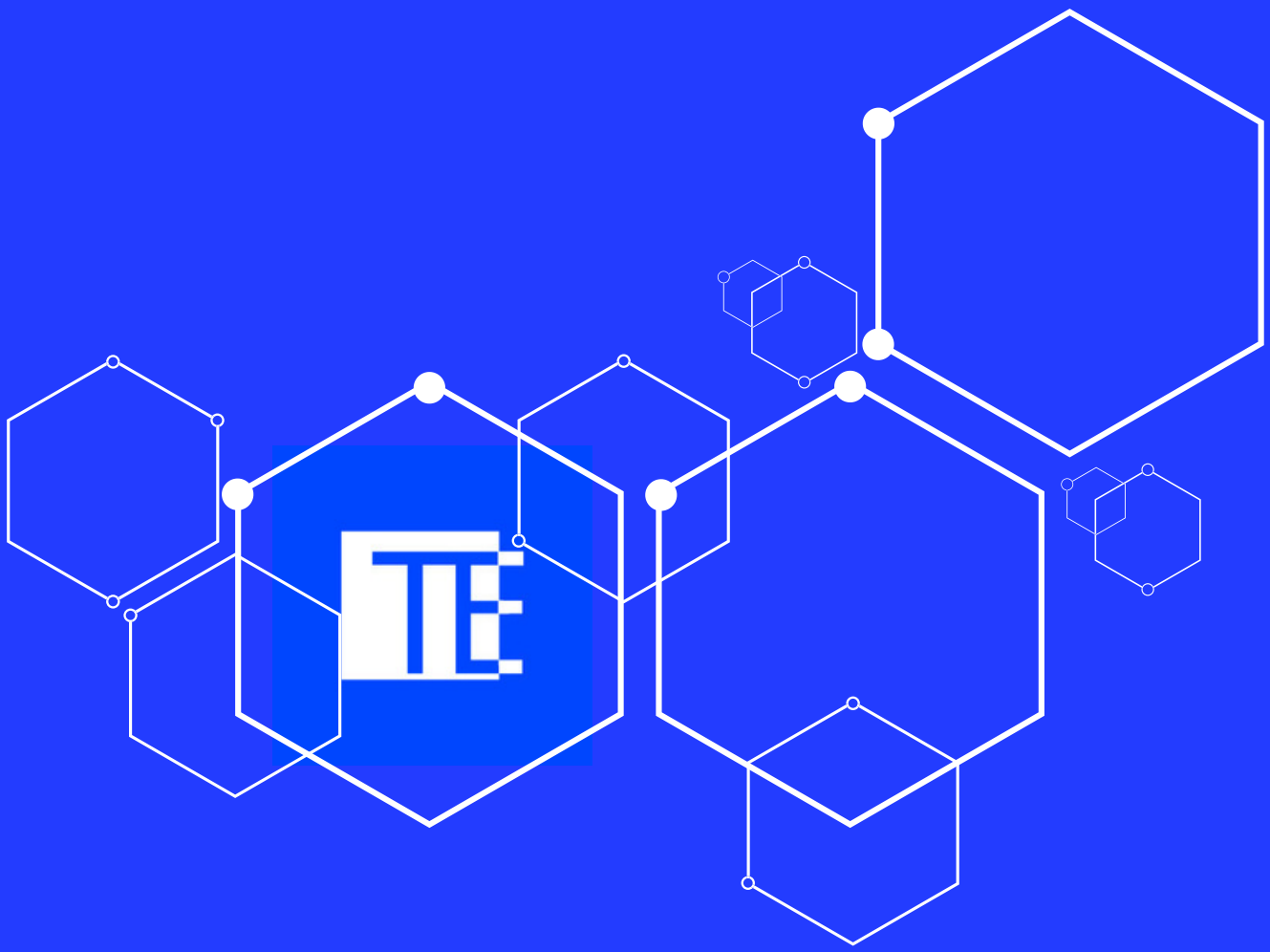


Our specialized technicians install, configure, and commission the equipment directly at the plant. We guarantee a safe and efficient integration, verifying that the system is functioning properly and supporting the customer during the start of production.

TECHNICAL SERVICE

We offer specialized technical support and after-sales service to ensure the operational continuity of each installation. Our team provides maintenance, diagnostics, optimization, and rapid technical assistance—both on-site and remotely—ensuring the maximum performance of Techmi Group equipment.





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