

MMSD Micro Mist Spray Dryer

MDL-015GC LAB SCALE



Specifications

Water Evaporation Rate	: ~1kg/h
Atomizing Device	: 4-Fluid Nozzle
Temperature Control Range	: ~Max 200°C
Dry Air Flow Rate	: Max 0.4m³/min
Electric Heater	: 2kW
Fan Blower Inlet	: HEPA Filter
Liquid Feed Pump Flow Rate	: Max 15ml/min
Nozzle Air	: 40NL/min 20°C 0.6MPa
Collection	: Bag Filter
	: Cyclone + Bag Filter
Collection Process	: Continuous

Features

- Allows for Single-Micron particle sizes
- Only requires a small sample size
- Operator “friendly” touch control panel, including system flow diagram
- Equipped with latest cyclone technology allowing to collect single-micron particle sizes
- Compatible with GMP (Good Manufacturing Practices)
 - HEPA filter allows for Clean dry hot air
 - Sanitary and easily washable
 - Easy assembly and disassembly
- Closed type system capability simply by connecting with the solvent recovery equipment
- Able to spray dry organic solvent while in a N₂ atmosphere
- Able to cool down organic solvent gas to -40°C, including capability of handling methylene chloride applications
- Less N₂ amount required for processing and discharge due to a built-in compressor for atomizing gas

FLOW DIAGRAM

