

High Impact Piezo JET Dispenser



Miniaturization and High-Viscosity Compatibility Set a New Standard in JET Dispensing

EXJET is a new generation piezo jet dispenser that contributes to improving productivity in manufacturing sites. Newly developed actuator technology enables high-performance dispensing of high-viscosity fluids, even in minute areas. Its laser-sharp fluid path design ensures uniform dispensing quality for a wide range of materials. It contributes to improved yields and space savings in electronic component mounting and precision assembly processes that require compatibility with high-viscosity materials.



Features

- High-viscosity model supports high-viscosity materials
- Capable of jet dispensing high-viscosity materials up to 300,000 mPa·s
- High-speed operation of up to 1000 Hz improves dispensing efficiency even with high-viscosity materials
- Patented special features support high-viscosity materials
- Nozzle heater included as standard
- Simple component configuration significantly improves maintenance

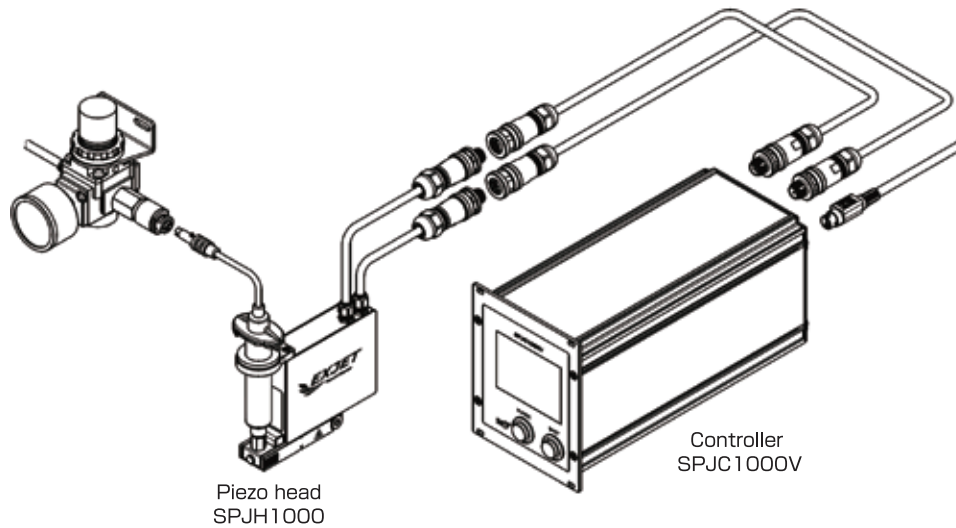
Specifications

		Dispense Valve
Model		SPJH1000
Overall dimensions	Width	114.8mm
	Height	84.6mm
	Depth	24mm
Weight		800g
Dispense Cycle		Maximum 1,000Hz (Normal Operation: 500Hz)
Supported viscosity		300,000mPa · s
Heater Function		Included
Wetted parts material		SUS303/FKM/FFKM
Fluid supply port thread		M5 female
Mounting hole thread		10mm pitch
Maximum fluid pressure		0.7 MPa

		Dispense Controller
Model		SPJC1000V
Overall dimensions	Width	106mm
	Height	128.4mm
	Depth	231mm
Weight		1300g
Heater Function		Included
Power Supply		24V DC (100-240V, AC adapter included)
Manual Switches		Purge button, Shot button
Mounting		Tabletop or panel mount*

*Rack mountable (3U x 21HP)

System diagram



Dedicated controller SPJC 1000V

Piezo Jet Dispenser Controller

The SPJC1000V piezo jet controller allows for precise control of head opening/closing time, impact force, and more. This high-performance model also features a heater and external control functions. Its rack-mount design allows for easy installation within your equipment.

Features

- Easy touch panel operation
- External control function
- Rack mount design
- Heater temperature control function



SPJC1000V

Nozzle Lineup

Model	Nozzle inner diameter
SPJN050NL	50 μ m
SPJN080NL	80 μ m
SPJN100NL	100 μ m
SPJN150NL	150 μ m
SPJN200NL	200 μ m

Piezo lineup: High-speed dispensing type

EXJET (SPJH1000HS) is a piezo jet head optimized for high-speed LINE and DOT dispensing applications. The specially engineered actuator delivers jet dispensing performance at one of the highest speed levels in the world.



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