

simple and smart



APJ5000 Piezo Jetting Valve

Axxon piezoelectric valve with industry-leading piezoelectric jetting technology

- **High repeatability:** Unique structure design for stable solder paste jetting
- **High jetting frequency:** Up to 550Hz, Limit dot diameter: 0.22mm/dot
- **Maximized jetting force:** New firing pin and nozzle design
- **Adjustable contact gap between firing pin and nozzle,** easy and reliable adjustment of jetting parameters
- **Easy maintenance:** Modular design for fast maintenance and reduced downtime
- **Patented design**

Applications:

Solder Paste or highly filled fluids

Applicable solder paste:

T5 & T6 solder paste

Standard Fluids



D-500H Controller

- The overall controller design is compact and smart, saves space, and minimizes cost of ownership
- Enhanced design for quick and easy maintenance with minimum downtime
- The valve body is designed with a cooling module for stable, high speed jetting performance
- D-500H controller easy and simple to operate

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| Technical Data | APJ5000 |
|----------------------------|------------------------------------|
| Maximum frequency | 0-550cycles/s |
| Maximum fluid pressure | 0.2~0.6Mpa |
| Minimum dot diameter | 0.23mm (type 6) |
| Applicable fluid viscosity | T5 & T6 solder paste |
| Jetting application | Single dots or combined into lines |
| Dimension | 117x76x25.4mm |
| Weight | 470g |

The APJ5000 piezoelectric valve can be integrated with any precision dispensing system.



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Please feel free to contact us if you have further inquiries
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