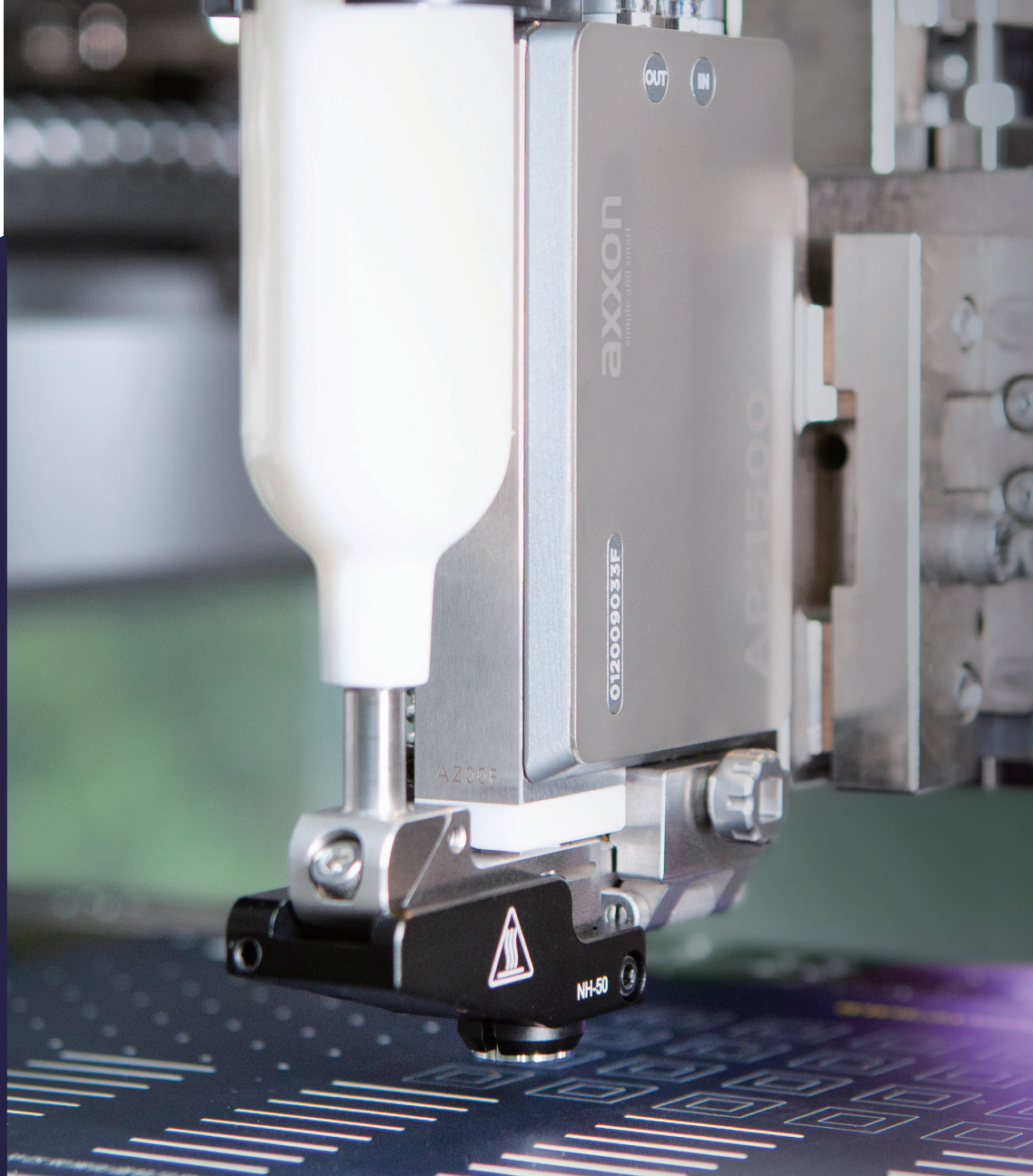


simple and smart



## APJ1500 Piezo Jetting Valve

- **High speed jetting:** No Z Axis motion, jetting speed up to 1000 dots per second, 3 to 7 times faster than traditional jetting technologies
- **High precision:** Minimum dot size of 0.14mm and unmatched consistency
- **High flexibility:** Non-contact jetting to avoid collision with components, minimum droplet of 1nl for tight spaces
- **Minimal maintenance and long life:** Quick release design for easy maintenance and minimized downtime, wear resistant materials for 20 times longer lifetime
- **Unique structural design:** Strong jetting force within short stroke reduces bubbles and splashes, temperature control for valve body and fluid channel for ultimate jetting consistency
- **Patented design**

### Applications:

- Underfill
- Hot Melt
- Precision Coating
- Dam and Fill
- Pin Encapsulation
- Corner / Edge Bonding

### Applicable fluids:

wide viscosity range up to 200,000cps

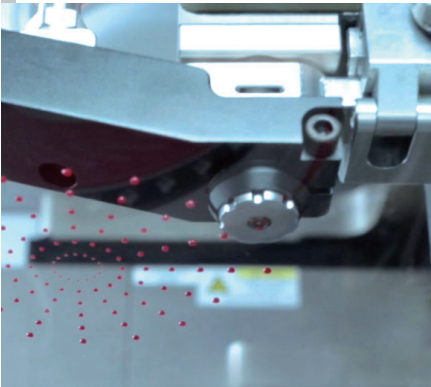
## Standard Fluids



D-180H 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-180H controller controls all aspects of piezo jetting

## APJ1500 Piezo Jetting Valve



Technical Data	APJ1500
Maximum frequency	0-1000cycles/s
Maximum fluid pressure	0-0.3Mpa
Minimum dot diameter	0.14 mm
Applicable fluid viscosity	1-200000cps
Jetting application	Wide range of application
Dimension	117x25,4x76mm
Weight	440g
Maximum temperature	200°C

The APJ1500 piezoelectric valve can be integrated with any precision dispensing system.

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