

Flux dispenser DropJet



- *precise dispensation*
- *low-maintenance and wear-free*
- *compact design*
- *optional jet monitoring*

System description

For dispensing alcohol or water based low-viscosity flux used in selective soldering applications, ATN developed the dispenser DropJet.

Application of flux is achieved contactlessly with flux droplets.

The digital controller drives the dispenser valve and can be interfaced to machine control (e.g. PLC) via its I/O interface (24 VDC).

By detecting the jet, proper dispensation of flux can be assured.

This prevents problems caused by residue or dirt on the nozzle opening, possibly causing an undetected interruption of flux application.

In addition, a change of flux jet trajectory can be detected, ensuring application of flux where it was intended.

Dispenser system DropJet



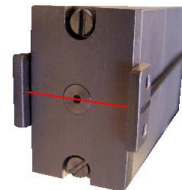
DropJet controller



dispenser valve



flux tank (1l)



option: jet monitor

Technical data and dimensions

| DropJet dispenser valve | |
|-------------------------|-------------------------|
| Working distance | up to 40 mm |
| Pressure | 0,5 bar |
| Nozzle diameter | 100, 130, 180 or 270 µm |
| Valve dimensions (WLH) | 29,9x18x71 mm |

