

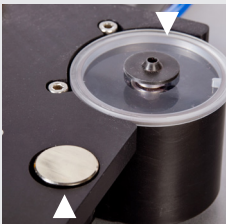
# AUTOMATED JETTING DISPENSING SYSTEMS



## UNIXACT SERIES B AUTOMATION WITH ADVANJET JET VALVE



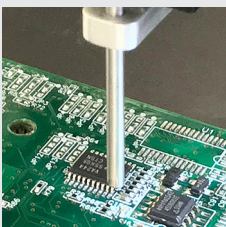
PRIME/PURGE STATION



TACTILE SENSOR



HIGH-PRECISION CAMERA



HEIGHT DETECTION

### Features

- High performance Advanjet® HV-2100 or HM-2600 Diaphragm Jet Valve
- High-precision camera
- Tip and part detection
- Integrated prime/purge station
- Easy-to-use DispensePro™ software
- Smart controller with electronic fluid pressure regulator
- Optional laser height detection

### Benefits

- High quality precision dispense
- Improved uph
- Low operating costs
- Simple setup and quick programming
- Optimized high production jetting

### Materials

- Adhesives
- Silicones
- Anaerobics
- Epoxies
- Silver Epoxies
- UV Cure Adhesives
- Oils/greases
- Fluxes
- Hot Melt / PUR

### Applications

- General Assembly
- Solar Cell Assembly
- Mobile Device Assembly
- Surface Mount Adhesive
- Electronic Components
- Underfill

# SPECIFICATIONS

Valve	Advanjet® HV-2100	Advanjet® HM-2600
Dimensions (X x Y x Z) without mounting bracket	25.4 x 90.3 x 82.0 mm (1.00 x 3.56 x 3.23 in)	62.5 x 187.7 x 113.4 mm (1.00 x 3.56 x 3.23 in)
Weight	0.35 kgs (0.77 lbs)	1.06 kgs (2.33 lbs)
Viscosity range	1–400K mPa•s (cps)	Up to 7,000 mPa•s (cps) at 110° C
Jet frequency	Up to 300 drops/sec	Up to 250 drops/sec
Fluid syringes	5, 10, 30, and 55 cc, or 6 oz.	30 cc
Nozzle options	Tungsten Carbide and long-life ceramic Sizes from 50 µm to 600 µm Extended tips available from 3–9 mm	Tungsten Carbide and long-life ceramic Sizes from 50 µm to 600 µm Extended tips available from 3–9 mm
Nozzle heater	Heating up to 70°C Max	Heating up to 150°C Max
Fluid heater	–	Heating up to 150°C Max
Operating temperature	10°C to 50°C	10°C to 50°C
Controller	Advanjet® HV-2100C	Advanjet® HM-2600C
Dimensions (X x Y x Z)	254.0 x 146.0 x 309.0 mm (10.0 x 5.8 x 12.2")	254.0 x 146.0 x 309.0 mm (10.0 x 5.8 x 12.2")
Weight	3.2 kgs (7.05 lbs)	4.1 kgs (9.0 lbs)
Interface	Touch screen LCD Display	Touch screen LCD Display
Automation Platform	UniXact® Series-B (B300)	
Dimensions (W x H x D)	558 x 647 x 630 mm (22 x 25 x 25 in)	
Maximum working area (X / Y / Z)	320 x 350 x 100 mm (13 x 14 x 4 in)	
Maximum speed (XY / Z)	500 / 250 mm/sec (20 / 10"/sec)	
Repeatability	±0.01 mm / axis	
Interpolation	2 Axis	
DispensePro™ software	Included	
High-precision camera	Included	
Ultra-high precision camera with lighting kit	Optional	
Integrated purge/prime	Included	
Tip detection	Included	
Workpiece height detection	Tactile or Laser	
Data storage	PC Storage / USB	
I / O signal port	8 Inputs / 8 Outputs	
Control method	PTP & CP	
Power supply	AC 100 - 240V, 200W	
Unit weight	60 kg (132 lbs.)	



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