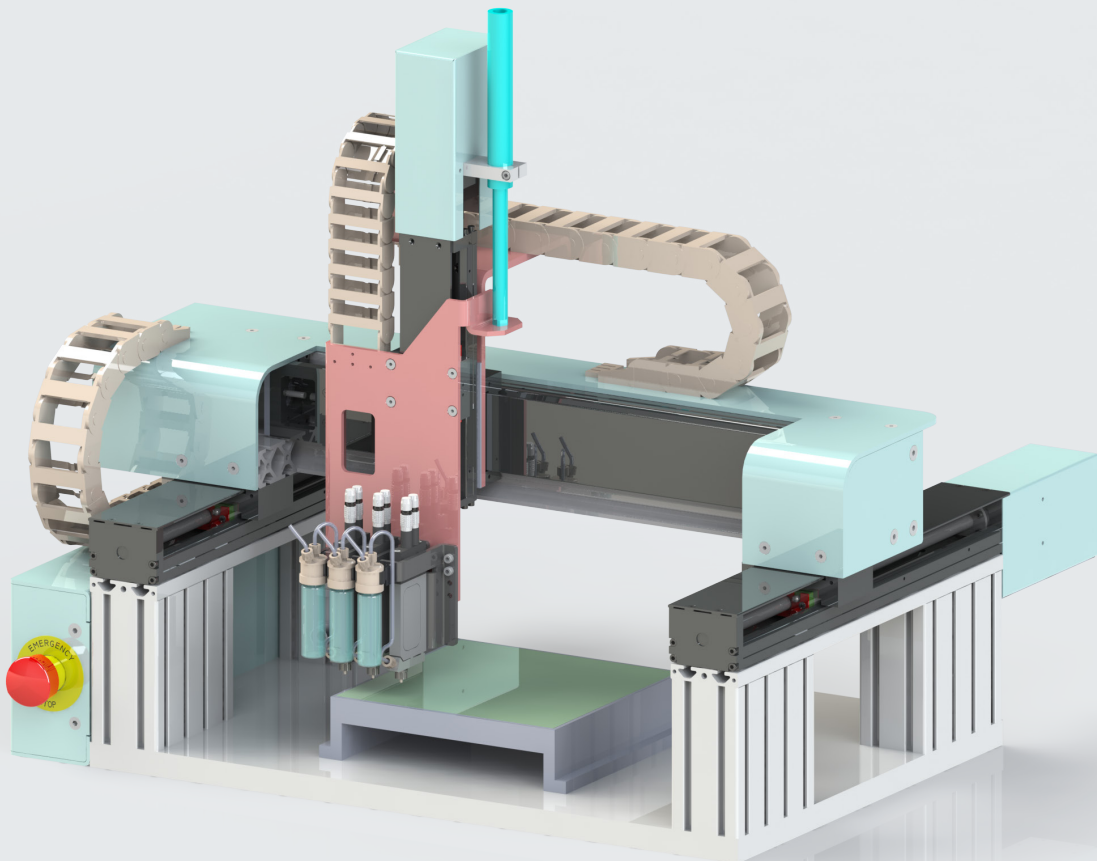


## Autodrop Gantry II Customized

### AD-P-9100



#### ADVANTAGES

- Freely configurable, high flexibility
- Wide viscosity range
- Dispensing from pico- to nanoliter
- Tabletop unit (optional with hood & frame)
- Software controlled xyz-axis system
- Good material resistance
- Easy refilling and cleaning
- No disposable parts
- No follow on costs
- Graphics Design Editor with continuous path control included

#### THE SYSTEM

The Autodrop Gantry II Customized is a versatile system for inkjet printing and piezo valve jetting. The 3-axis positioning system offers the customer the possibility to configure the system according to the requirements of the application.

Given is a high positioning accuracy for each axis of  $\pm 20\mu\text{m}$  and a high repeatability for each axis of  $\pm 5\mu\text{m}$ . Everything else is freely configurable.

Whether special setups on the system, whose travel range is 300 mm x 300 mm x 100 mm in the standard or the integration of several valves, no limits are set here. We are open to discuss the application and find the best solution possible.

The Autodrop Software is always included with its Graphics Design Editor. This allows the operator to define own free designed pattern like curves and lines. Vector based graphic files (dxf-format) are importable.

## Autodrop Gantry II Customized

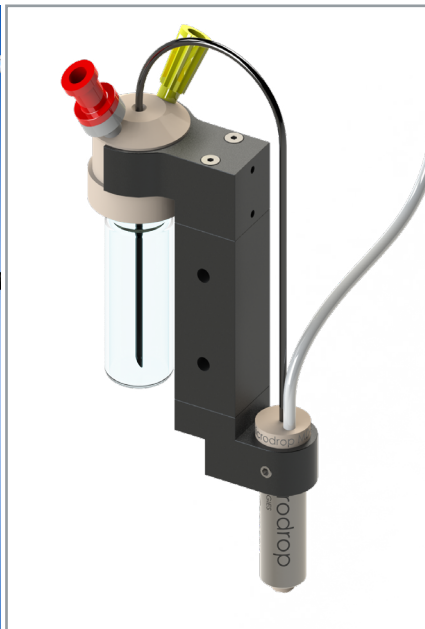
### AD-P-9100

#### TECHNICAL DATA

Autodrop Gantry II Customized AD-P-9100	
Travel range	x-axis 300 mm, y-axis 300 mm, z-axis 100 mm
Positioning accuracy	$\pm 20 \mu\text{m}$ each axis
Repetition accuracy	$\pm 5 \mu\text{m}$ each axis
Acceleration	max. $1000 \text{ mm/s}^2$
Speed	max. $100 \text{ mm/s}$
Load	additional possible load of positioning unit at maximum 2.5 kg
Axis resolution	$0.1 \mu\text{m}$
Servo control/ Drive	3-axis servo control, programmable, ball screws linear stage, 4x BLDC motor
Dimensions without hood and underframe	w: 690 mm / d: 650 mm / h: 600 mm
Dimensions with hood and underframe	w: 780 mm / d: 760 mm / h: 1600 mm
Weight (without hood and underframe)	~50 kg



Autodrop Pipette  
AD-K-901



Microdrop Dispenser Head  
series MD-K-...



Nanojet Piezovalve  
NJ-K-4...