

## SPRAY VALVE DAS 90

The spray valve **DAS 90** is designed to obtain micro-spraying of various types of fluid.

Its very compact size makes a great solution when the mounting space is limited, while its precision allows for repeatable and consistent dosages in time.



### DAV TECH SRL

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#### FIELDS OF APPLICATION:

- > Lubricants micro-spraying
- > Primers micro-spraying
- > Water based paints spraying

#### FEATURES:

- > Fine adjustment of the flow rate
- > Needle and nozzle in stainless steel
- > Operation mode normally closed with safety spring
- > Micro-spray on parts with minimum size of 4-5 mm
- > Do not create mist or unwanted drips
- > Easy maintenance and cleaning of the valve.

#### Technical Data

<b>Model</b>	DAS 90
<b>Drive</b>	Single acting
<b>Weight</b>	310g
<b>Max fluid pressure</b>	Max 10 bar
<b>Actuating air pressure</b>	5 - 7 bar
<b>Atomizing air pressure</b>	from 0.1 to 3 bar
<b>Type inlet air</b>	6x4mm Tube
<b>Type inlet fluid</b>	6x4mm Tube
<b>Air cap</b>	For round spray
<b>Speed</b>	Up to 200 cycles / min
<b>Adjusting the passage</b>	Micrometric
<b>Used materials</b>	Stainless steel, nickel-plated brass
<b>Fluids to be dispensed</b>	Oil, lubricants, water based paints, primers, inks (need to be tested)

## TANKS FOR FLUID FEEDING

The PT series DAV Tech tanks are ideal to feed in the best way the valve DAS 90. They are available in 3 sizes 2, 5 and 10 liters and in different variations. Made of mirror polished stainless steel and aluminum, all tanks can be equipped on request with an electrical minimum level sensor.



## DRIVE THE VALVE DAS 90

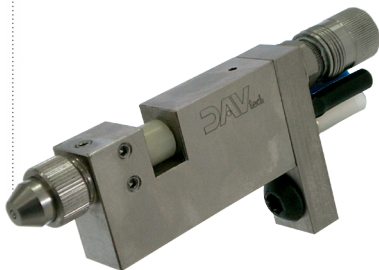
The valve DAS 90 have to be driven with a 3/2 solenoid valve, timed by the customer. The atomizing air, necessary for the spraying, have to be driven with another 3/2 solenoid valve with a precision pressure regulator mounted on the line. This allows to keep separate the timing of dosing and spraying, and allow to have the greatest possible results.

### Valve configurations

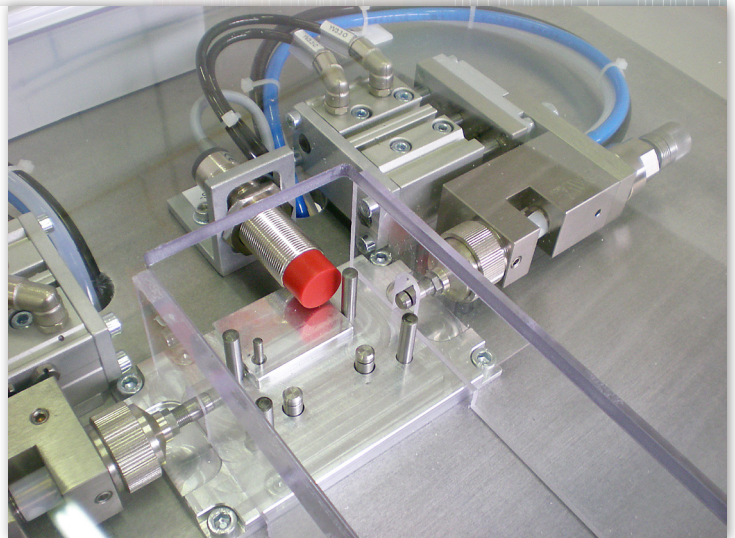
## DAS 90 \_\_ RM

#### NOZZLES AVAILABLE

- Ø mm
- 0.5
- 0.8
- 1
- 1.2
- 1.5



Special versions available on request.



### Connection diagram

