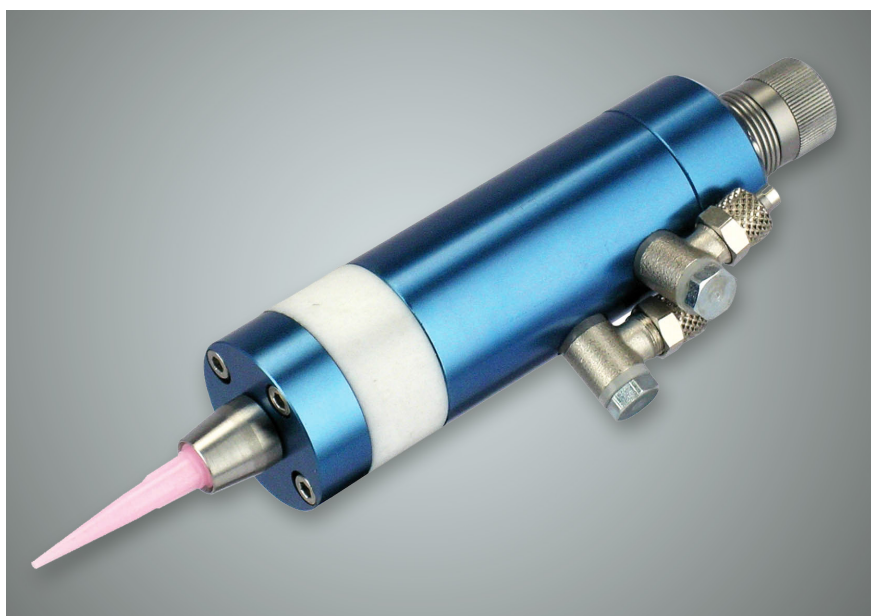


DIAPHRAGM VALVE DA 250

The diaphragm valve **DA 250** is designed to dispense in a controlled, precise and repeatable way, low to medium viscosity fluids such as anaerobic adhesives (thread locker and coaxial blockers), cyanoacrylate glues and other aggressive fluids.

The particular design of the valve make the fluid during the dispensing only comes into contact with the body in PTFE and with the membrane that opens and closes the passage, thus preventing contamination and clogging.



DAV TECH SRL

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FIELDS OF APPLICATION

- > **Anaerobic glues**
- > **Cyanoacrylate glues**
- > **Aggressive fluids**

FEATURES:

- > Micrometric adjustment of the flow rate
- > Fluid in contact only with PTFE and inert materials
- > Operation normally closed with safety spring
- > Anodized aluminum body
- > Ability to operate simple or double-acting
- > Easy maintenance and cleaning valve
- > Membrane co-molded with a useful life of more than 10 million cycles

Technical Data

Model	DA 250
Drive	Simple or Double Acting
Max fluid pressure	10 bar
Operating pressure	5-7 bar
Thread inlet	1/8 BSP
Thread outlet	Luer Lock or others on request
Speed	Up to 200 cycles / min
Adjustment	Micrometric screw adjustment
Used materials	Anodized aluminum, stainless steel, PTFE, membrane co-molded with non-reactive materials
Fluids used	Cyanoacrylate glue, anaerobic fluids, low viscosity fluids in general (even aggressive)

TANKS FOR FLUID FEEDING

The DAV Tech PT tanks are ideal to feed the valve DA 250. They are available in 3 sizes 2, 5 and 10 liters and in different variations. The tank PT2.0 in particular is designed to accommodate inside the 250 cc oval containers used by the major manufacturers of anaerobic fluids such as Loctite and Loxeal.



DRIVE VALVE DA 250

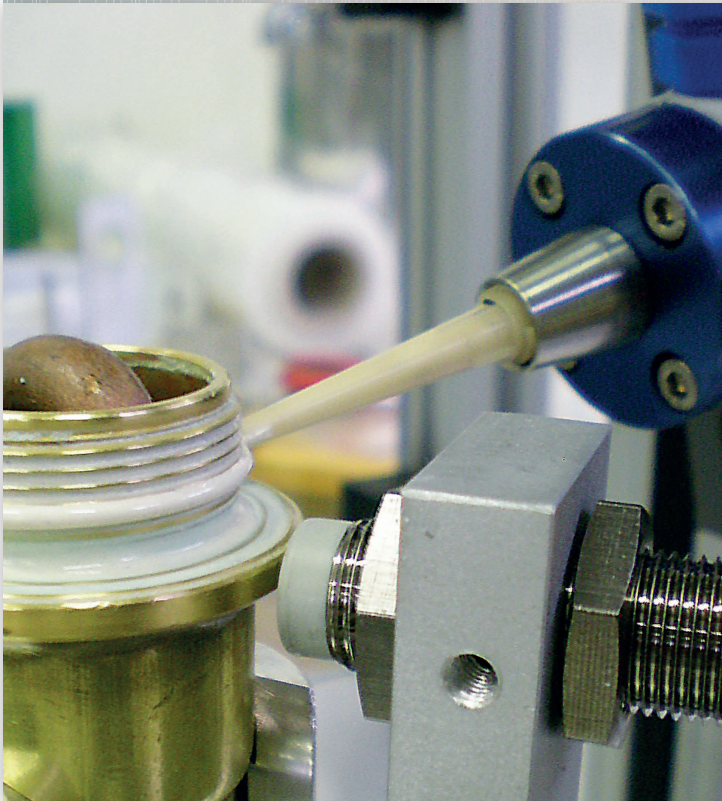
The valve 250 DA have to be driven by solenoid 5/2 or 3/2 (depending on whether you want to work double-acting or simple acting) for a time setted by the PLC of the customer.

We are available for the supply of timing systems such as the DA 1000 T controller or even with the creation of electrical control panels to manage the various I / O you need to check.

NOZZLES FOR VALVE DA 250

The valve DA 250 is designed to accommodate outlet nozzles with luer lock thread.

DAV Tech will be happy to advise and give you to test various types of nozzles in different materials and dimensions. On request it is also possible to create special nozzles with various shapes.



Connection diagram

