

VOLUMETRIC DISPENSING SYSTEM PCP + PT + CONTROLLER



Volumetric dispensing system for low viscosity fluids such as:
Anaerobic glues (PCP pump version in PEEK), UV glues, Oils (also with optional spray head),
Primer - Release agents also with optional spray head)

1 Volumetric PCP pump, dispensing is not influenced by pressure, temperature and viscosity variations of the fluid

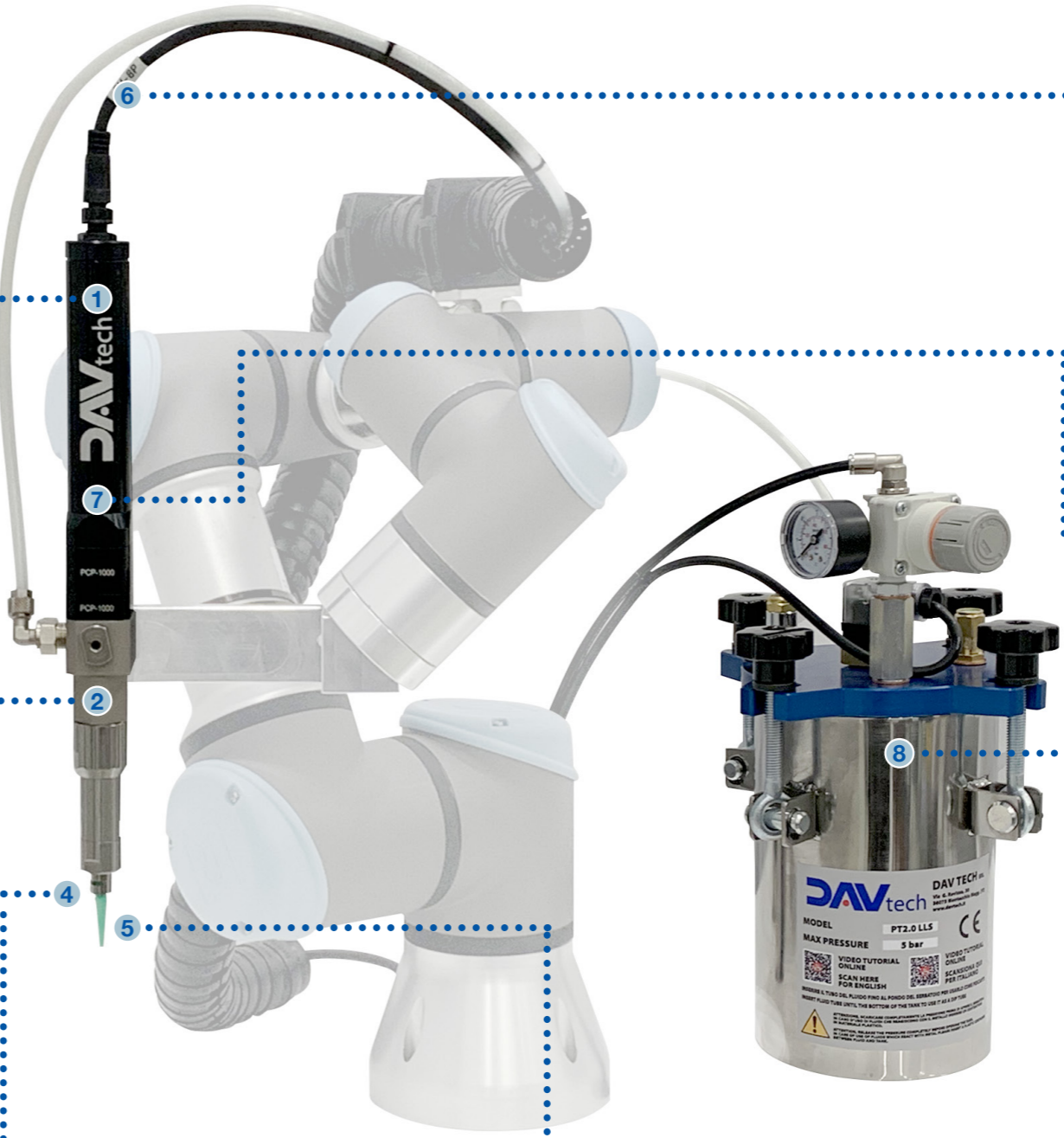
2 Pump body in aluminum or in Peek, rotor in chromed steel (Carbide or Ceramic optional), stator in FFKM

3 Controller with large 7" color touch display
Dispensing management software with dedicated and multilingual graphic interface
Possibility to dispense curbs, stitches or fillings with adjustable flow rate
Timed automatic purge function
Easy interfacing with collaborative, anthropomorphic or Cartesian robots
Easy interfacing to external PLCs
Integrated remote tele-assistance system by Ethernet port



4 Pump with luer lock nozzle holder or with female threaded fitting

5 Suck back function to keep the nozzle clean and allow more precise dispensing



6 Motor / encoder cable with double shield and PUR sheath for high movements

7 Closed loop pump motor control for maximum motion control

8 Tanks of various capacities (2, 5, 10 and 16 liters) with level control systems, heating or mechanical stirring

OPTIONS:
> Possibility to feed the fluid also from syringes or cartridges, pressurized or not pressurized.