

## CONTROLLER FOR PCP PUMPS

The unit is microprocessor-controlled. Really simple to set-up and operate, has 2,5" TFT LCD touch display. All the settings can be easily done through the controller using the various menu. The controller can be driven externally through a PLC using I/O signals to change automatically programs.



### DAV TECH SRL

Via Ravizza, 30  
36075 Montecchio Maggiore (VI) - ITALY  
Tel. 0039 0444 574510  
Fax 0039 0444 574324

[davtech@davtech.it](mailto:davtech@davtech.it)  
[www.davtech.it](http://www.davtech.it)

#### FIELD OF APPLICATION:

- > Control and driving of DAV Tech PCP metering pumps
- > Tank or syringe pressure control

#### FEATURES:

- > 2,5 TFT LCD Touch display for status checking and simple operating
- > Physical buttons for easier programming
- > I/O to be driven by an external PLC
- > Check of the motor rotation through encoder
- > Internal SMC precision pressure regulator with switch to check inlet pressure from tanks / syringes

#### FUNCTIONS EXAMPLES:

TIME	No.00
Shot_Time:	0.00 Sec
Shot_Speed:	0.0 RPM
Suck_Time:	0.00 Sec
Suck_Speed:	0.0 RPM
Compensation:	0 %
Shot_Speed:	0 KPa

STEADY	No.00
Shot_Speed:	0.0 RPM
Suck_Time:	0.00 Sec
Suck_Speed:	0.0 RPM
Compensation:	0 %
Shot_Speed:	0 KPa

METERING	No.00
Volume:	0.00 mg
Shot_Speed:	0.0 RPM
Suck_Time:	0.00 Sec
Suck_Speed:	0.0 RPM
Compensation:	0 %
Pressure:	0 KPa

#### Technical data

ITEM	CONTROL 100
Dimensions	230(W)x90(H)x200(D)
Weight	1.8 Kg
Power In/Output	AC100V - 240V,50/60Hz, DC24V (max.)
Consumption Rating	200VA
Air-in Port	Ø6 Air Hose, Max. 7bar
Air-out Port	Auto Jointer
Pressure Regulator	0~7 bar
Operating Mode	Time / Steady / Metering
Display	2.5" TFT LCD, Touch
Motor Control	1 EA
Liquid Indicator Sensor	OK
External Control	OK
Channel Memory	16 CH
Input Signal	Contact Input or NPN open Collector Tr
Dosing End Signal	NPN open Collector Tr
Operating Temperature	10~40°C