

PDES-MINI

pressurized substance application



Remote control for all parameters

- Timer-based or TTL Triggered application
- Pressure control by analog voltage
- Pressure readout as analog voltage

New housing with small footprint

- Direct placement near experiment
- Portable between setups
- Simplified installation

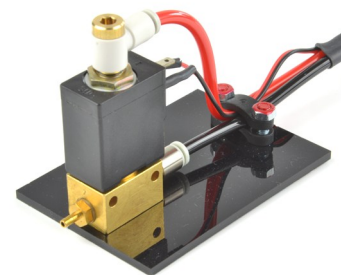
Available models:

Model	Pressure control	Timer
PDES-MINI-RC-T:	Remotely via analog signal, or 10-turn potentiometer	Pushbutton timer (0.1 ... 9999.9 ms) or TTL control
PDES-MINI-RC:	Remotely via analog signal, or 10-turn potentiometer	Timing controlled by TTL only
PDES-MINI-MAN-T:	Manual pressure controller	Pushbutton timer (0.1 ... 9999.9 ms) or TTL control
PDES-MINI-MAN:	Manual pressure controller	Timing controlled by TTL only

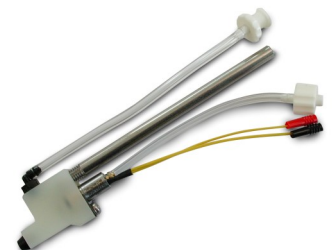


Technical Data

Input pressure:	5 bar max.
Output pressure:	0.2 ... 4 bar
Analog pressure control:	0 ... 8 V; scaling: 0.5 bar/V
Trigger input:	5 V TTL signal
Pressure monitor output:	0... 4 V; scaling 1 bar/V
Ejection times:	Standard external valve: 20 ms and longer microJECT valve: 2 ms and longer



Standard external valve



microJECT

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