



(Multi-)Miniature-Syringe-Drives PSD/3

Principle

The (multi-)miniature-syringe-drives PSD/3-Mini are modular constructed devices in an ultra-compact design based on Hamiltons' OEM precision drives. It is possible to connect up to 15 units in series. A comprehensive selection of syringes and valves enables the realization of many liquid-handling-applications in the field of research, development, production and process-engineering. Wetted parts are made of PTFE, Kel-F and glass.

Features

The devices can operate in a stand-alone-mode because a programmable memory is included for method storage. With our Windows-software 'ML-Script' methods for diluting or dispensing are visually created and the complete compilation of syringe- and valve-commands can be transferred into the unit's memory. The rear-panel offers a Sub-D-socket for connecting a hand- or foot-switch and allows the output of a trigger signal.

Technical specifications

Delivery contents	syringe drive with standard valve
Pressure range	0 ... 6 bar
Accuracy	better 1%
Reproducibility	better 1%
Control	RS232 TTL
Syringes	30mm short-stroke-syringes, 10 volumes between 12.5 µl and 12.5 ml
Time for Full-Stroke	1 ... 3600 seconds
Motorsteps per Full-Stroke	1000, 2000, 15000 or 30000
Power supply	230 V / AC 50 Hz oder 110 V / AC 60 Hz
Dimensions	W 64 x H 118 x D 139 mm
Weight	1,5 kg
Options	Windows-Software Stream-selector-valves Hand- and foot-switch
PN	1-channel syringe drive H5175-01-M1 2-channel syringe drive H5175-01-M2 4-channel syringe drive H5175-01-M4 8-channel syringe drive H5175-01-M8

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PSD/3-Mini 2007-02

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