

SYRIX Syringe Pump

ESI introduces the SYRIX, a compact, low-profile, high-precision laboratory syringe pump.

The SYRIX features an innovative drive mechanism for the precise control of liquid samples and reagents. Wetted parts are o-ring-free and offer the highest chemical resistance.

The SYRIX is highly configurable for a wide range of applications such as micro sample loading and remote monitoring.

Features:

- Wide flow rate range
 - < 1 μ L/min to > 40mL/min
- A variety of syringe sizes
 - 0.1mL to 10mL
- O-ring-free
- Syringe material
 - PTFE/Quartz
 - PTFE/PFA
- Optional integrated switching valve
- Convenient software control interface
- Connects directly to SC-DX autosampler

Dimensions with valve

- Height: 173mm (6.8")
- Width: 64mm (2.5")
- Depth: 133mm (5.2")

Dimensions without valve

- Height: 150mm (5.9")
- Width: 64mm (2.5")
- Depth: 133mm (5.2")



SYRIX syringe pump with valve
(SX-6500-1030-DX)



SYRIX syringe pump
(SX-6503-1030)

Applications

Micro Liquid Handling

- precision sample loading
- carrier delivery

Chromatography

- eluent delivery
- column conditioning

Remote Sampling

- automated process monitoring

Dilution

- continuous on-line dilution
- off-line sample preparation
- internal standard addition

Two syringes can be operated with a single SYRIX drive mechanism for applications such as continuous dilution.
(SX-6500-4033)

