



SYRRIS
Asia



Asia Syringe Pump

Designed specifically for flow chemistry, the Asia Syringe Pump provides an ultra-smooth flow rate and is constructed from extremely chemically resistant materials.

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Designed specifically for flow chemistry, the ultra-smooth Asia Syringe Pump is compact, extremely chemically resistant, and rated to 20bar (300psi). It offers two independent flow channels, each with an integrated pressure sensor and a flow rate range from 1.0µl to 10ml/min.



Benefits

- **Flexible:** The Asia Syringe Pump offers two independent flow channels (each with integrated pressure sensing).
- **Extremely smooth flow rate:** Incredibly smooth flow rate is provided by each channel.
- **Wide pressure range:** Operating pressure of 20bar/300psi†
- **Safe:** PTFE pressure sensor on each channel with automatic overpressure stop.
- **No tools required:** Replace valves, syringes and pressure sensors without the need for tools.
- **Easy to use on its own:** Twist and click control knob and large LCD display.
- **Wide flow rate range:** 1.0µl to 10ml/min.
- **Intelligent:** PC Software enables quick and easy control of flow chemistry process.
- **Compact:** The Asia Syringe Pump is just 23cm (9") wide.
- **Excellent chemical compatibility:** PTFE (and other fluorinated polymers) and glass only.

† Note that the Asia Red Syringes may not be appropriate for use at pressures greater than 10bar.

1. Two independent flow channels offer an extremely smooth flow
2. Syringes and valves clip in and out without tools
3. Easy to use, twist and click control knob and display

Volumes & flow rates

The Asia Syringe Pump offers four different volume syringe pairs. Each pair is colour coded and has a defined flow rate range:

- Asia Yellow Syringes (50µl/100µl): 1.0µl to 250µl/min
- Asia Green Syringes (250µl/500µl): 5.0µl to 1.25ml/min
- Asia Blue Syringes (500µl/1ml): 10µl to 2.5ml/min
- Asia Red Syringes (2.5ml/5.0ml): 50µl to 10ml/min



Related products

The **Asia Pressurized Input Store** is designed to be used with the Asia Syringe Pump. It allows 4 reagents to be stored under an inert gas atmosphere. The 1 bar gas pressure assists in delivering a smooth flow by minimizing input cavitation and gas bubble formation.

The compact module includes 4 bottles, (each with a quick release connection) and a simple pressure / vent switch on the front panel.



Parts list

| Description | Part Number |
|---|-------------|
| Asia Syringe Pump | 2200292 |
| Asia Pressurized Input Store | 2200400 |
| Asia Syringe Pump Pressure Sensor | 2200431 |
| Asia Syringe Pump Valve | 2200432 |
| Asia Yellow Syringes (50µl/100µl) 1.0µl to 250µl/min | 2200391 |
| Asia Green Syringes (250µl/500µl) 5.0µl to 1.25ml/min | 2200392 |
| Asia Blue Syringes (500µl/1ml) 10µl to 2.5ml/min | 2200393 |
| Asia Red Syringes (2.5ml/5.0ml) 50µl to 10ml/min | 2200394 |