



INOVENSO SYRINGE PUMPS



IPS-12 Syringe Pump

- 4,3 inches touch screen with clean interface
- PLC controlled software
- Up to 100 ml syringe holding capacity
- High precious pumping
- Adjustable flow rate even during operation
- Saving the previous settings for further operations
- Purging both forward and backward



MODEL	IPS-12
TYPE	Single Channel Syringe Pump
MODEL VERSION	IPS12-RS, IPS12-R, IPS12-S
ADVANCE PER MICROSTEP	0,117 μ m
MOTOR TYPE	Stepper Motor
DRIVING MODE	PLC (Prog. Logic Controller)
AVAILABLE SYRINGE SIZES	Up to 100 ml
USER CONTROL TYPE	4,3 Touch Screen
MAX. FLOW RATE	4784,55 ml/h (Monojet 140 ml)
MIN. FLOW RATE	0,732 μ l/h (BD 1 ml)
OPERATION CONDITIONS	T: 5-40 $^{\circ}$ C, RH: <80%
DIMENSIONS	W:220 mm D:210 mm H:160 mm
WEIGHT	2,9 Kgs
POWER	24 VDC

*R CODE VERSION HAS WITHDRAWAL FUNCTION AS WELL.

*S CODE VERSIONS CAN STORE AND EXECUTE A RECEIPE WITH UP TO THREE STEPS.

IPS-13 Syringe Pump

- 2 syringes simultaneous operation
- 4,3 inches touch screen with clean interface
- PLC controlled software
- Up to 100 ml syringe holding capacity
- High precious pumping
- Adjustable flow rate even during operation
- Saving the previous settings for further operations
- Purging both forward and backward



MODEL	IPS-13
TYPE	Double Channel Syringe Pump
MODEL VERSION	IPS13-RS, IPS13-R, IPS13-S
ADVANCE PER MICROSTEP	0,117 μm
MOTOR TYPE	Stepper Motor
DRIVING MODE	PLC (Prog. Logic Controller)
AVAILABLE SYRINGE SIZES	Up to 100 ml
USER CONTROL TYPE	4,3 Touch Screen
MAX. FLOW RATE	4784,55 ml/h (Monojet 140 ml)
MIN. FLOW RATE	0,732 $\mu\text{l/h}$ (BD 1 ml)
OPERATION CONDITIONS	T: 5-40 oC, RH: <80%
DIMENSIONS	W:330 mm D:210 mm H:160 mm
WEIGHT	3,5 Kgs
POWER	24 VDC

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*S CODE VERSIONS CAN STORE AND EXECUTE A RECEIPE WITH UP TO THREE STEPS.

IPS-14 Syringe Pump

- 2 Syringes loading and separately operating capacity
- 4,3 inches touch screen with clean interface
- PLC controlled software
- Up to 100 ml syringe holding capacity
- High precious pumping
- Adjustable flow rate even during operation
- Saving the previous settings for further operations
- Separately adjustable flow rate even during operation



MODEL	IPS-14
TYPE	Separately Controllable Double Channel Syringe Pump
MODEL VERSION	IPS14-RS, IPS14-R, IPS14-S
ADVANCE PER MICROSTEP	0,117 μ m
MOTOR TYPE	Stepper Motor
DRIVING MODE	PLC (Prog. Logic Controller)
AVAILABLE SYRINGE SIZES	Up to 100 ml
USER CONTROL TYPE	4,3 Touch Screen
MAX. FLOW RATE	4784,55 ml/h (Monojet 140 ml)
MIN. FLOW RATE	0,732 μ l/h (BD 1 ml)
OPERATION CONDITIONS	T: 5-40 °C, RH: <80%
DIMENSIONS	W:330 mm D:210 mm H:160 mm
WEIGHT	3,5 Kgs
POWER	24 VDC

*R CODE VERSION HAS WITHDRAWAL FUNCTION AS WELL.

*S CODE VERSIONS CAN STORE AND EXECUTE A RECEIPE WITH UP TO THREE STEPS.