



IPS-16 Syringe Pump

Independent Dual Channel Infusion/Withdrawal Pump with Recipe Management and Wi-Fi Control

The IPS-16 inherits all functions of the IPS-14RS, including independent dual-channel bidirectional control and advanced recipe management. It adds wireless connectivity, enabling seamless remote operation through the **Inovenso Mobile App**. Each channel can be monitored and controlled individually from a mobile device. This model combines high-level automation with smart, wireless process control for ultimate flexibility.

- 4.3" touchscreen with intuitive independent control
- All features of IPS-14RS plus Wi-Fi connectivity
- Operate and monitor each channel remotely via Inovenso Mobile App
- Designed for smart, wireless, and flexible process management

FLOW CONTROL

OPERATION MODES	Dual syringe channels (independent or synchronized)
FLOW ADJUSTMENT	Real-time control via touchscreen or Wi-Fi
RECIEPE FUNCTION	Save and execute automated workflows
GROUPED OPERATION	Multiple pump control via one interface

MOTOR SPESIFICATIONS

MOTOR TYPE	Stepper Motor
CONTROL SYSTEM	Microcontroller-based drive
FLOW RESOLUTION	Microstep precision (357 nm/μstep)
LINEAR FORCE	Single-channel configuration
DIRECTION	Forward / Reverse

GENERAL SPECIFICATIONS

DISPLAY	4.3" Color Resistive
CONNECTIVITY	Wi-Fi (SSL-encrypted)
DIMENSIONS	W 200 × L 257 × H 137 mm
WEIGHT	3.0 kg

OPERATING CONDITIONS

OPERATING TEMPERATURE	-10 °C to 50 °C
STORAGE TEMPERATURE	-30 °C to 85 °C
STORAGE HUMIDITY	RH 10 % – 90 % (non-condensed)