

IPS 13 R

infusion/withdrawal mode

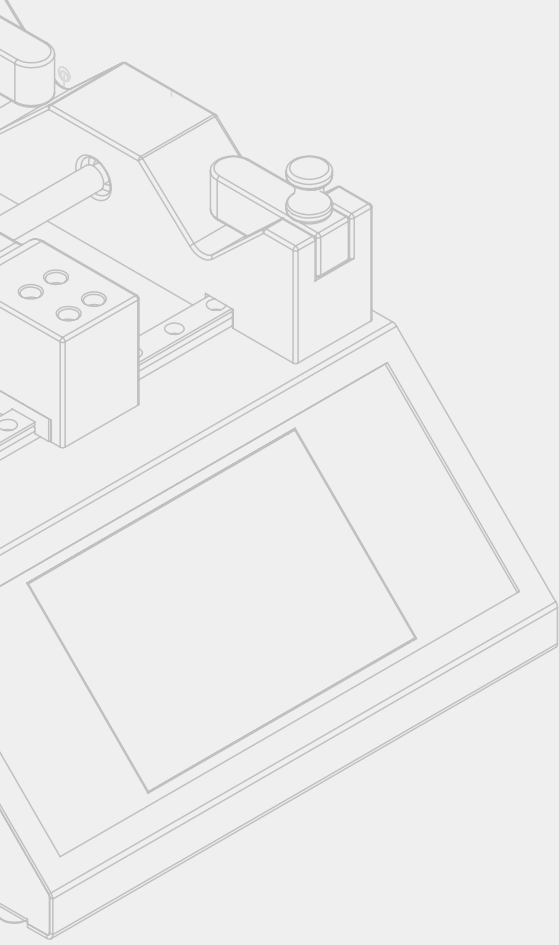
IPS
SERIES

13 **IPS**

MODEL	IPS13R
MODE	Infusion/withdrawal
SYRINGES	
Capacity	2 Interdependent
Type	Glass, plastic, steel
Min Size	Hamilton 0.5 µl (ID:0.103mm)
Max Size	Monoject 140 ml (ID:38mm)
FLOW RATE	
Min	1.17 µl/min (Hamilton 0.5 µl)
Max	75.945 ml/min (140 ml Monoject Syringe)
MOTOR TYPE	Stepper Motor
MOTOR DRIVE CONTROLLER	Microcontroller with Microstep Drive
STEP RESOLUTION (Travel/Microstep)	223.2 nm/µstep
STEP RATE	
Min	10 sec/µstep
Max	200 µsec/µstep
LINEAR SPEED RATE (PUSHER TRAVEL RATE)	
Min	1.34 µm/min
Max	66.96 mm/min
LINEAR FORCE	30 kg (each syringe:15 kg)
CONNECTORS	Wi-fi (optional)
RECIPE SAVE-RECALL	No
POWER SUPPLY	12 VDC 1A (110-240 VAC adapter included)
DIMENSIONS	W:211 L:250 H:143 mm
WEIGHT	3.2 kg
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	Between -10 and 50 C
Storage Temperature	Between -30 and 85 C
Operating Humidity	RH 10% - RH 90% (not condensed)
Storage Humidity	RH 10% - RH 90% (not condensed)

- Double Channel
- 4.3" Resistive Touch TFT LCD screen
- Microcontroller software
- User friendly interface
- High precise pumping
- Adjustable flow rate even during process

INFUSION/WITHDRAWAL (FORWARD AND BACKWARD)



IPS