

IPS 14 RS

infusion/withdrawal

IPS
SERIES

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MODEL	IPS14RS
MODE	Infusion/withdrawal
SYRINGES	
Capacity	2 Independent
Type	Glass, plastic, steel
Min Size	Hamilton 0.5 µl (ID:0.103mm)
Max Size	Monoject 140 ml (ID:38mm)
FLOW RATE	
Min	10 nl/min (Hamilton 0.5 µl)
Max	120 ml/min (140 ml Monoject Syringe)
MOTOR TYPE	Stepper Motor
MOTOR DRIVE CONTROLLER	Microcontroller with Microstep Drive
STEP RESOLUTION (Travel/Microstep)	357 nm/µstep
STEP RATE	
Min	10 sec/µstep
Max	200 µsec/µstep
LINEAR SPEED RATE (PUSHER TRAVEL RATE)	
Min	2,14 µm/min
Max	107 mm/min
LINEAR FORCE	20 kg for each syringe
CONNECTORS	Wi-fi (optional)
RECIPE SAVE-RECALL	Yes
POWER SUPPLY	12 VDC 1A (110-240 VAC adapter included)
DIMENSIONS	W:211 L:257 H:137 mm
WEIGHT	3.6 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)

- 2 Independent channels
- 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)

5 STEPS OPERATION MODE



REPEATING RECIPES
UP TO 50 CYCLES

SAVING AND RECALLING
SUBSEQUENTLY UP TO 5 RECIPES

IPS >>