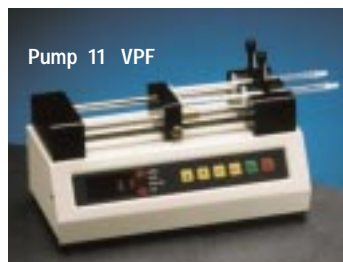


Pump '11' - Basic and VPF (Virtually Pulse Free)



Pump '11' VPF
The 'VPF' Dual Syringe Pump '11' features a 300:1 gear reduction which significantly increases the steps per lead screw revolution and results in smoother flow which is virtually pulse free.

It accepts up to two syringes and offers flow rates from 0.01 $\mu\text{l/hr}$ to 10.40 ml/hr for all syringes (0.5 μl to 10 ml).

- Vacuum fluorescent display: easier to read and use
- Volume dispense feature
- Single or dual syringe models available
- 300:1 gear box gives smoothest flow ever from a syringe pump

Syringe Pump '11' combines smoother flow and updated features to create a high performance syringe pump with a basic syringe pump price!

Bright Display and Easy-To-Use Interface

A new, two-line 16 character vacuum fluorescent display and six membrane keys make this a powerful, easy-to-use syringe pump. Only two entries are required to start pumping; Syringe ID and flow rate. The flow rate can be changed while the pump is running.

Specifications

Pump '11' Model	CGS8079.63;CGS8080.63	CGS8081.63
Type	Microprocessor single or dual syringe infusion	Microprocessor, dual syringe infusion only
Accuracy	$\pm 1\%$	$\pm 1\%$
Reproducibility	$\pm 0.1\%$	$\pm 0.1\%$
Syringes Size:	Single	Dual
Minimum	0.5 μl	0.5 μl
Maximum	50/60ml	10ml
Flow Rate:		Dual Only
Minimum	0.0014 ul/hr	0.01 ul/hr
Maximum	26.56 ml/min	10.5 ml/hr

Catalog No.	Product
CGS 8079.63	Harvard Pump '11' Single Syringe
CGS 8080.63	Harvard Pump '11' Dual Syringe
CGS 8081.63	Harvard Pump '11' VPF Dual Syringe