

Precision Fluid Dispenser Selection Guide

FEATURES		BENCHTOP DISPENSERS					
							
General Information	Type	Air Powered	Air Powered	Air Powered	Air Powered	Air Powered	Positive Displacement
	Recommended fluids	All fluids / Low-viscosity fluids	All fluids	All fluids / Low-viscosity fluids	All fluids / Low-viscosity fluids	All fluids	All fluids
	Air pressure range	0.7–7.0 bar (10–100 psi) / 0–1.0 bar (0.3–15 psi)	0–7.0 bar (0–100 psi)	0–7.0 bar (0–100 psi) / 0–1.0 bar (0–15 psi)	0–7.0 bar (0–100 psi) / 0–1.0 bar (0–15 psi)	0–7.0 bar (0–100 psi)	—
	Time range	0–999.9999 sec	0–999.9999 sec	0–999.9999 sec	0–99.9 sec	—	—
	Warranty	5 years ¹	1 year	5 years ¹	2 years	1 year	2 years
Functions	Steady mode	✓	✓	✓	✓	✓	✓
	Teach mode	✓	✓	✓	✓	—	—
	Timed mode	✓	✓	✓	✓	—	— ²
Display	Display	Touchscreen	LCD	LCD	—	—	LCD
	Digital pressure / time	✓	✓	✓	✓	Analog	—
	Digital vacuum	✓	✓	✓	Analog	Analog	—
	Multilingual	✓	✓	✓	—	—	—
Operator Lockout	Time / pressure lockout	All Parameters	Time & Pressure	Time	—	—	—
Programming	Multiple cycles	MultiShot ³	Auto Sequence ⁴	—	—	—	—
	Number of programs	16 (time, pressure, vacuum, barcode)	400 (time, pressure, vacuum)	16 (time)	—	—	100
Connectivity (I/O)	Initiate signal	✓	✓	✓	✓	—	✓
	End-of-Cycle feedback	✓	✓	✓	✓	—	✓
	RS-232	—	✓	—	—	—	—
	Ethernet	✓	—	—	—	—	—

¹ Two years in Asia

² Ultimus IV features Forward, Pause, and Pullback movements.

³ MultiShot allows multiple shots from a single press of the foot pedal.

⁴ Programmable memory that automatically adjusts dispensing parameters for viscosity changes.

✓ Applicable | — Not applicable

