

# Agilent BioTek MicroFill Dispenser

## Technical details

General	
Microplate Types	24-, 96-, and 384-well Low-profile, standard, and deep-well formats
Other Labware Supported	PCR tubes, microtubes
Onboard Software	Create, edit, or run multiple protocols
Software (Computer Control)	Interface software (optional) for robotic system integration
Soaking	Programmable up to 60 minutes
Automation	Agilent BioTek BioStack microplate stacker and third-party automation compatible
Dispensing-Syringe Pump	
Manifold Types	24-well dispensing: One 8-tube (1 x 8) manifold-316 stainless steel tubes  96-well dispensing: One 8-tube (1 x 8) manifold-316 stainless steel tubes  96- and 384-well dispensing: One 16-tube (1 x 16) manifold-316 stainless steel tubes
Dispense Speed	96 wells, 10 $\mu$ L/well, 1 x 16: 4 s 384 wells, 5 $\mu$ L/well, 1 x 16: 7 s
Volume Range	5-6,000 $\mu$ L/well (manifold dependent) Minimum prime volume: 10 mL
Flow Rates	User-programmable rates from high to low
Dispense Accuracy	$\pm$ 1 $\mu$ L at 5 $\mu$ L $\pm$ 1 $\mu$ L at 20 $\mu$ L $\pm$ 1% at 100 $\mu$ L
Dispense Precision	$\leq$ 5% CV at 5 $\mu$ L $\leq$ 2.5% CV at 20 $\mu$ L $\leq$ 1% CV at 100 $\mu$ L
Supply Bottle	1 L
Sterilization	Autoclave, chemical
Physical Characteristics	
Power	100-240 volts AC at 50-60 Hz
Dimensions	18" D x 15" W x 7" H (46 x 38 x 18 cm)
Weight	20 lb (8.9 kg)

## Configurations

Part Number	AF1000A
24-/96-/384-Well	•
Autoclavable	
Organic Solvents	

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