

IntelliPlex™ 1000 πCode Processor

Catalog Number: 80033 | Model: IW100

PRODUCT SPECIFICATIONS	
PERFORMANCE	
Supported plates	96-well plate (Plexbio; Cat. No. 80025 or Greiner Bio-one; Cat. No. 655101)
Processing time (full plate)	3 ~ 6.5 min (one-time wash)
Shaking	Timing setting range: 1 sec ~ 23hr 59min 59sec Max. rate: 1200rpm
Incubator	Temperature range from RT+5°C to 60°C
Safety	Plate position sensor and door sensor
Temperature accuracy	± 0.5°C
Temperature uniformity	1°C
Shaking accuracy	≤ 10%
Dispensing accuracy	≤ ± 6% (Measured under following conditions: 8-way manifold, 150 μL, PlexBio Wash Buffer)
Dispensing uniformity	≤ 4% CV (Measured under following conditions: 8-way manifold, 150 μL, PlexBio Wash Buffer)
MicroDisc loss	Around ≥ 75% of MicroDiscs retained after whole processes. (Measured under following condition: 500 ~ 1500 discs/well in 150 μL PlexBio Wash Buffer)
Residual volume	≤ 5 μl/well (Measured under following conditions: 8-way manifold, 150 μL, PlexBio Wash Buffer)
OPERATION CONDITIONS	
Temperature/Humidity	18°C ~ 32°C (64°F ~ 90°F)/20 ~ 80% RH, non-condensing
Altitude	Up to 2000 meters (6561 ft) above mean sea level
STORAGE CONDITIONS	
Temperature/Humidity	-10°C ~ 70°C (14°F ~ 158°F)/10 ~ 80% RH non-condensing
PHYSICAL CHARACTERISTICS	
Power	100-240V, 50-60Hz, 250W
Dimensions	Without Bottle Carrier: (W)408mm*(D)540mm*(H)470mm With Bottle Carrier: (W)554mm*(D)540mm*(H)470mm
Weight	38 kg (84 lbs)
Fuse rating	T 5A H 250V
OTHERS	
Pollution degree	2
Method of disposal	Electronic waste