

INTELLIplex™ 1000

πCode

PROCESSOR



Touchscreen

Features a 7-inch industrial panel
Real-time display of processing status

Shaking \ Incubation

Adjustable time, temperature and RPM

Washing

Minimization of MicroDisc loss with movable magnetic plate
Automatic rinsing to prevent tube blocking

Fluorescence Labeling

Automated fluorescence reagent dispensing

IntelliPlex™ 1000 πCode Processor is a convenient and user-friendly 4-in-1 workstation designed for πCode processing. Aside from refined washing of microdiscs with minimized disc loss, it also incorporates shaking, incubation, and SA-PE dispensing function. The instrument software has built-in modes for PlexBio assays and customization for the utmost flexibility of high throughput and unattended operation. Additionally, it can be applied for ELISA washing.

PRODUCT SPECIFICATIONS

PERFORMANCE

Processing time (full plate)	3~6.5 min (one time wash)
Shaking	Timing setting range 1 min ~ 23hr59min59sec Max. rate: 1200rpm
Incubator	Temperature range RT+5°C~60°C
Safety	Plate position sensor and door sensor
Temp accuracy	± 0.5°C
Temp uniformity	1 °C
Shaking accuracy	≤ 10 %
Dispensing accuracy	≤ ±6 %, Measured under following conditions: 8-way manifold, 150 µL, PlexBio Wash Buffer (PBST)
Dispensing uniformity	≤ 4% CV, Measured under following conditions: 8-way manifold, 100 µL, PlexBio Wash Buffer (PBST)
MicroDisc loss	Measured under following conditions: Around ≥ 75% of microdiscs were retained with at least ≥ 500 discs per well
Residual volume	≤ 5 µl / well, Measured under following conditions: 8-way manifold, 100 µL, dispensing rate (50 µL/s/well), PlexBio Wash Buffer

OPERATION CONDITIONS

Temperature / Humidity	18°C~32°C / 20~80%RH, non-condensing
Altitude	Up to 2000 meters (6561 ft) above mean sea level

STORAGE CONDITIONS

Temperature / Humidity	-10°C~70°C / 10~80% RH non-condensing
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PHYSICAL CHARACTERISTICS

Power	100-240V, 50-60Hz, 250W
Dimensions	Without Bottle Carrier: (W)540mm*(D)408mm*(H)456mm With Bottle Carrier: (W)540mm*(D)554mm*(H)456mm
Weight	38 kg
Fuse rating	T 5A H 250V

ORDER INFORMATION

CATEGORY	PRODUCT NAME	CAT. NO
Instrumentation	IntelliPlex™ 1000 πCode Processor	80033

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