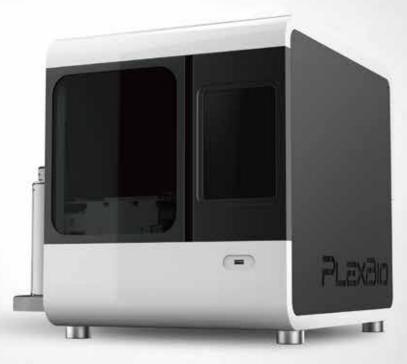
INTELLIPLEX™ 1000 TCOdo PROCESSOR



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)
Shaking	Timing setting range 1min ~ 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 \geq 75% of microdiscs were retained with at least \geq 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			
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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