



IntelliPlex™ 1000 πCode Processor

The IntelliPlex™ 1000 πCode Processor is a fully automated workstation designed for πCode™ processing. Its 4-in-1 capabilities include πCode™ MicroDisc hybridization, incubation, washing, and labeling. Instrument software includes built-in modes for PlexBio assays and the ability to program custom molecular or immunoassays on the 7-inch industrial touchscreen panel.

TOUCHSCREEN

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

SHAKING / INCUBATION

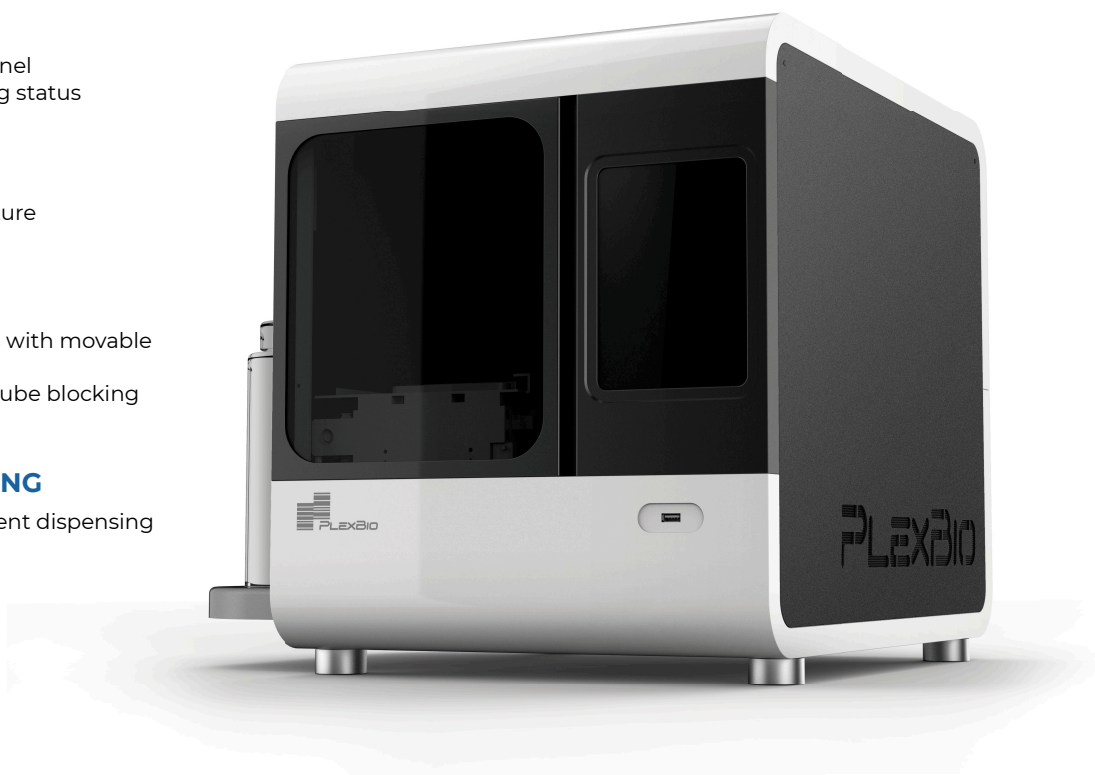
- Adjustable time and temperature

WASHING

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

FLUORESCENCE LABELING

- Automated fluorescence reagent dispensing



PRODUCT SPECIFICATIONS

PERFORMANCE

PROCESSING TIME (Washing Only)	3~6.5 min (full plate)
SHAKING	Duration setting range: 1sec ~ 23hr59min59sec @ 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, 150µL, PlexBio Wash Buffer (PBST)
DISPENSING UNIFORMITY	≤ 4% CV, Measured under following conditions: 8-way manifold, 150µL, PlexBio Wash Buffer (PBST)
MICRODISC LOSS	Around ≥ 75% of microdiscs retained after whole process, Measured under following condition: 500~1500 discs/well in 150µL PlexBio Wash Buffer
RESIDUAL VOLUME	≤ 5µl / well, Measured under following conditions: 8-way manifold, 150µL, PlexBio Wash Buffer (PBST)

OPERATION CONDITIONS

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

SHIPPING & 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)470mm With Bottle Carrier: (W)540mm*(D)554mm*(H)470mm
WEIGHT	38 kg
FUSE RATING	T 5A H 250V

ORDER INFORMATION

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



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