



PlexBio™ 100 Fluorescent Analyzer

The PlexBio™ 100 Fluorescent Analyzer is part of a multiplex suspension array platform which utilizes Precision Image Code (π Code™) MicroDisc technology for multiplexing both molecular and immunoassays. The PlexBio™ 100 Fluorescent Analyzer is a robust optical imaging system that decodes π Code™ MicroDiscs through fluorescence detection and high-contrast imaging.

Its components include: 1) Digital microscope with CCD and LED camera for image-pattern identification and fluorescence detection.
2) Automated system for reading of multiple targets in a 96-well plate.
3) DeXipher™ software for data analysis and interpretation.

COMPATIBILITY

Compatible for detecting both molecular & immunoassays.

CAPACITY

High-throughput system analyzes up to 100-200 targets simultaneously in a single well.

CONVENIENCE

Easy to maintain, no fluidic system thus reducing the risk of contamination.

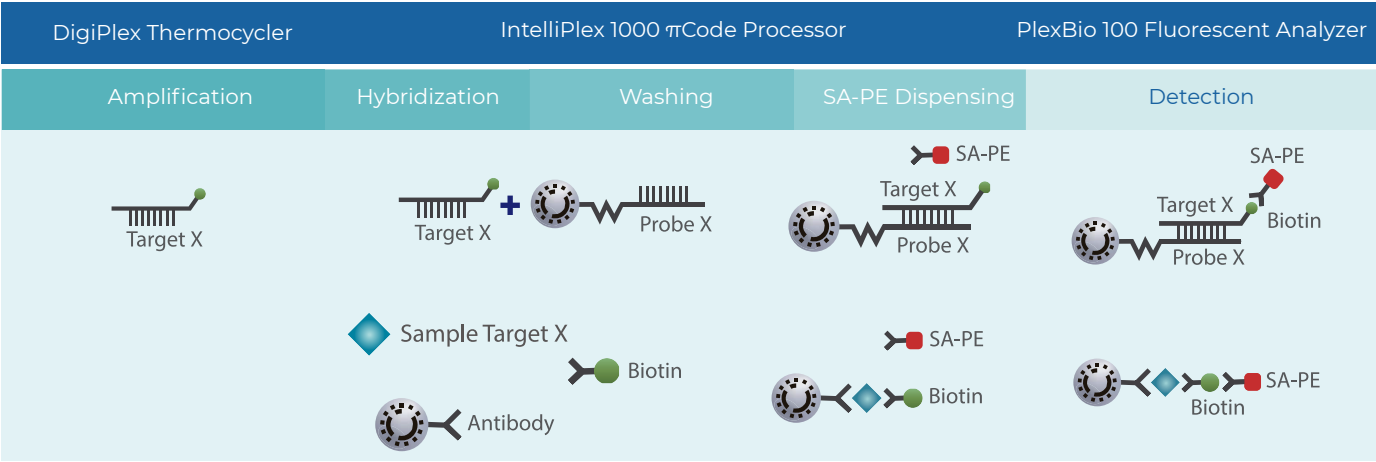
COST-EFFECTIVENESS

Multiplexing improves productivity by reducing time, reagent, and sample volume.



ASSAY WORKFLOW

A seamless multiplexing workflow for both nucleic acid and immunoassays results in highly sensitive mutation discrimination with minimal hands on time.



PRODUCT SPECIFICATIONS

EXPECTED PERFORMANCE	
DISC CLASSIFICATION ACCURACY	≥ 98%
DISC RECOGNITION PRECISION (CV)	≤ 2.5%
DISC MFI PRECISION (CV)	≤ 1.5%
DAILY START UP	≤ 15 min
READING TIME	1 well ≤ 50sec

PHYSICAL CHARACTERISTICS	
POWER	100-200V, 50-60Hz
DIMENSIONS	27.3 cm W x 54.0 cm D x 44.1 cm H
WEIGHT	25 kg (55.0 lbs)
CONNECTION	USB and Ethernet

ORDER INFORMATION

CATEGORY	PRODUCT NAME	CAT. NO
INSTRUMENT	PlexBio™ 100 Fluorescent Analyzer	80000
INSTRUMENT	Industrial Computer	80002



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