

PLEXBIO™ 100

FLUORESCENT ANALYZER



Compatibility

Compatible for detecting both molecular & immunoassays.

Capacity

High-Throughput system; simultaneously analyzing multiple tests in one single reaction.

Convenience

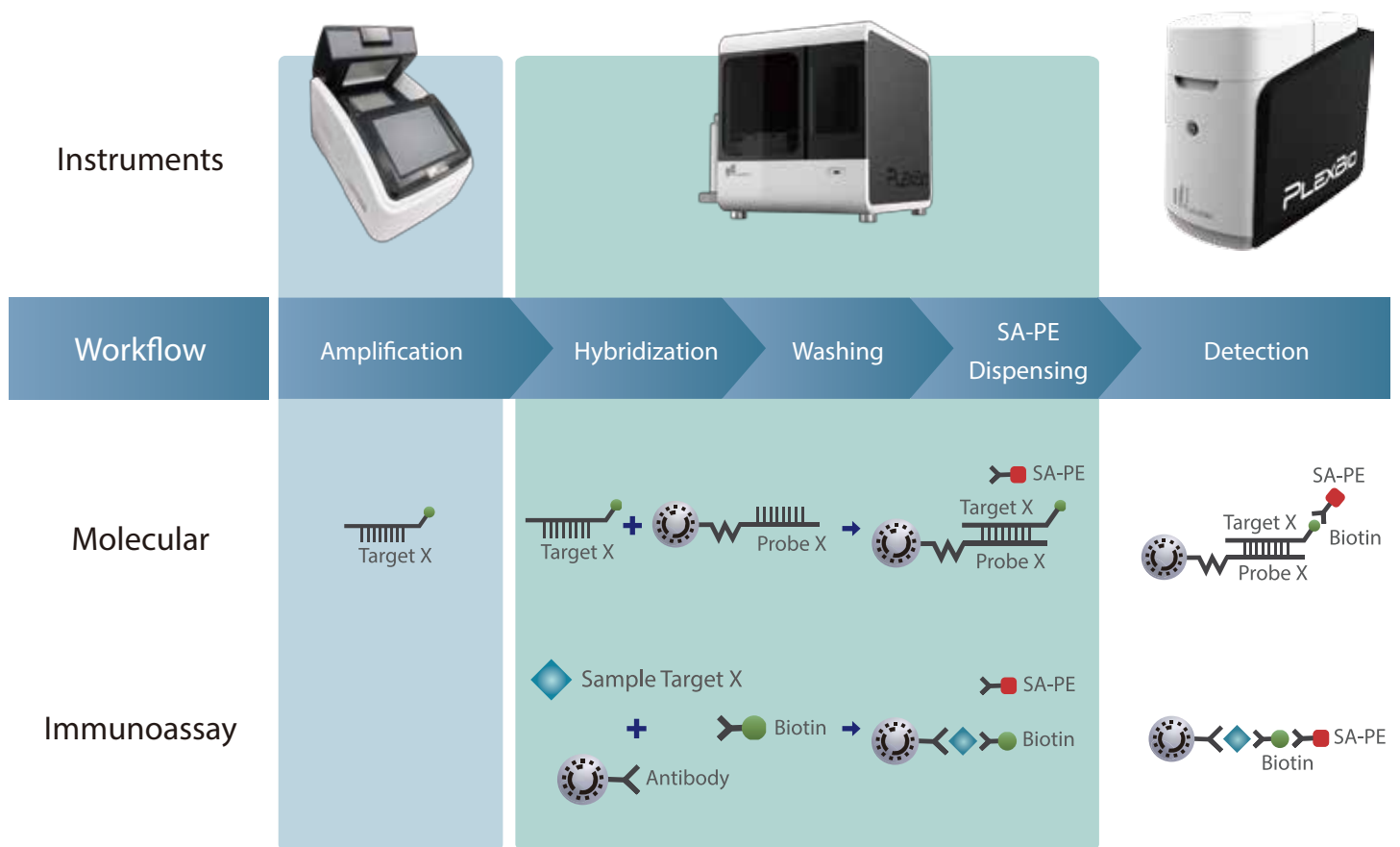
Easy to maintain; no fluidic system thus reduce the risk of contamination.

Cost-Effectiveness

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

PlexBio™100 Fluorescent Analyzer is a multiplex suspension array platform which utilizes Precision Image Code (π Code™) MicroDisc for multiplexing both molecular and immunoassay. This system allows researchers/pathologists to measure approximately 150-200 targets simultaneously in a single well using minimum sample amount.

Its components comprise of: 1) Digital Microscope with LED and CCD camera for image-pattern identification and fluorescence detection. 2) Automated system for reading of multiple targets in a 96-well plate. 3) DeXipher™ software designed to interpret data-acquisition, processing, and analysis.



PRODUCT SPECIFICATIONS

EXPECTED PERFORMANCE

Disc Classification Accuracy	≥ 98%
Image Recognition Precision (CV)	≤ 2.5%
Disc MFI Precision (CV)	≤ 1.5%
Daily Start-Up	≤ 15 min
Reading Time	1 well ≤ 50 sec

PHYSICAL CHARACTERISTICS

Power	100-240V, 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
Instrumentation	PlexBio™ 100 Fluorescent Analyzer	80000

PlexBio Co., Ltd.

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