

Precision Medicine

NextAmp™ Analysis System

Complicated Molecular Diagnostics Made Easy

NextAmp™ Analysis System is innovated to simplify complex molecular diagnostics, making precision medicine more accessible for clinical practice. This dual-functioning system is capable of multi-biomarker analysis and digital detection of low quantity genes, providing a powerful technology to develop various assays for unmet clinical needs. With features of accessibility, applications developed on NextAmp™ can be easily implemented into clinical routine care, enabling real-time diagnostics for patients needing urgent treatments.



Key Features

EASY-TO-USE

Delivered ready-to-use assays with simple operation, simultaneously analyzing up to 100 biomarkers in 2 hours

DECENTRALIZED

Simple operation and small instrument footprint allows easy implementation in most service labs

AFFORDABLE

Cost-effective precision medicine diagnostics, more affordable than NGS

PRODUCED-TO-SPEC

Custom assays, based on customers' need, are supported by experienced R&D team and produced under ISO 13485 standard

Summary of NextAmp™ Analysis System

Properties	Specifications
Analyte	Nucleic acids
Amplification Mode	Digital qPCR (with DigiChip™) Quantification Real-Time PCR (with PanelChip®)
Applications	Single Nucleotide Variation (SNV) Detection Fusion Gene Detection Gene Expression Analysis miRNA Expression Analysis lncRNA Expression Analysis
Instrument	Q Station™
Consumables	Assay kits (including PanelChip® or DigiChip™) (Order separately)
Throughput	1 to 6 samples / run (flexible)
Hands-on Time	10-15 min
Total Operation Time (from input analyte)	2 hrs
Instrument Weight	51 kg
Expandable System	PanelCloud™ (Data analysis and management) (Order separately)

Ordering Information – Q Station™ Series

Reference No.	Product Name	Package Size	Note
QST-1000-1 QST-1000-2	Q Station™ 1000	1 Set	For research use only
CV Dx	Q Station™ CV Dx	1 Set	TFDA EUA certified. Only compatible with DigiChip™ SARS-CoV-2 Assay
QST-Dx1000-1	Q Station™ Dx 1000	1 Set	CE-IVD

* Accessories, assay kits and other system required for NextAmp™ Analysis System will be provided separately from the Q Station™ .

For more information, please contact: info@quarkbiosciences.com