

FlashDetect™

Flash10 is compatible with
COYOTE® FlashDetect™
All-in-One cartridge.



LyocartD

LyocartE



COYOTE® FlashDetect™ Flash10

Fully Automated Rapid PCR System



NMPA

Fully Automated Near-patient Testing System

- Result in **10~35 minutes**
- Easy to operate
- Random access
- High sensitivity
- Fully automated lab process of sample loading, magnetic beads sample prep and qPCR on a contamination-free cartridge

All-in-One Cartridge Multiple targets testing

- **LoD 100 copies/mL***
- Includes internal control
- Pre-loaded with lyophilized reagents
- **Contamination-free**
- Room temperature storage and transportation

* for SARS-CoV-2 sample

TECHNICAL SPECIFICATIONS

Model	Flash10			
Hands-on Time	Less than 1 minute / sample			
Time to Results	10 ~ 35 minutes			
Throughput	4 random-access modules			
Fluorescence Channel	FAM	HEX	ROX	CY5
Consumables	Coyote ready-to-use All-in-One cartridges			
Data Input	External / Internal barcode scanning / Manual input			
Display	15" touch screen, stand alone or operation with PC			
Operating Temperature	10°C ~ 40°C			
Temperature Accuracy	<0.5°C			
Connectivity	Ethernet, USB			
LIS System Connectivity	HL7 protocol or customized protocol			
Power Supply	100 - 240V ~ , 50/60 Hz, 2.6A			
Dimensions	38 (L) * 28.7 (W) * 35 (H) cm			
Weight	21 kg			

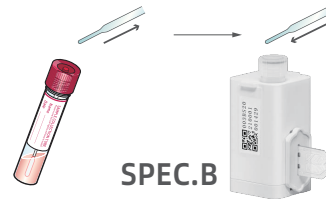


WORKFLOW


Option 1 Sampling via direct swab

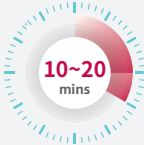


Option 2 Sampling via VTM




Sample-in





LyocartD
10~20 mins with direct PCR.
Optimal sensitivity with Coyote own-brand VTM.
(LoD 200 copies/mL for SARS-CoV-2 test)



LyocartE
Less than 35 mins with whole process of sample purification and real time PCR.
Compatible with universal VTM.
(LoD 100 copies/mL for SARS-CoV-2 test)

Flash10 Matrix



Highly scalable for high throughput on-demand access
Connection of up to 10 Flash10

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