

**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 **less than 25 minutes**
- Easy to operate
- Random access
- High sensitivity
- Fully automatic 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	Less than 25 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			

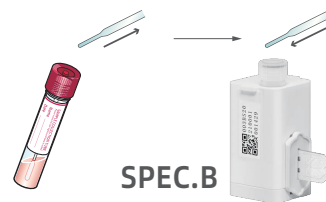


## WORKFLOW

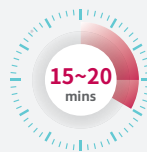
### Option 1 Sampling via direct swab



### Option 2 Sampling via VTM



Sample-in



#### LyocartD

15~20 mins with direct PCR.  
Optimal sensitivity with Coyote own-brand VTM.  
(LoD 200 copies/mL for SARS-CoV-2 test)



#### LyocartE

Less than 25 mins with whole process of sample purification and real time PCR.  
Compatible with universal VTM.  
(LoD 100 copies/mL for SARS-CoV-2 test)

**Coyote Bioscience Co., Ltd.**

H.O.: Building 22, Zone 3, Gaolizhang Road, Haidian District, Beijing 100095, China.  
Tel: +86 10 64844237 Email: sales@coyotebio.com

 **COYOTE**  
Molecular Diagnostics For Everyone