

COYOTE FlashDetect™ Robo

Compatible with FlashDetect™
All-in-One cartridge.



Rapid



Simple



Accurate



Fully Automated



NMPA

Fully Automated Molecular Point-of-Care Testing System

- Result in **10~35 minutes**
- Easy to operate
- Random access
- **High throughput: up to 2300 tests/day**
- Fully automatic lab process of sample loading, magnetic beads sample prep and qPCR

TECHNICAL SPECIFICATIONS

Model	FlashDetect Robo-16 / FlashDetect Robo-32			
Hands-on Time	Less than 1 minute / sample			
Time to Results	16/32 samples in 10 ~ 35 minutes 2300 results in 24 hours			
Throughput	16/32 random-access modules			
Walk-Away Capacity	16/32 loaded in modules, 32 queued			
Fluorescence Channel	FAM	HEX	ROX	CY5
Consumables	Coyote ready-to-use All-in-One cartridges			
Data Input	External / Internal barcode scanning / Manual input			
Display	21.5" 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	220~230V AC, 3000VA (Robo-16), 4500VA(Robo-32)			
Dimensions	176 (L) * 96 (W) * 189 (H) cm			
Weight	916 kg (Robo-16) / 980 kg (Robo-32)			



WORKFLOW

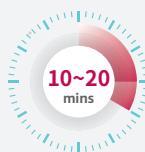
Option 1 Sampling via direct swab



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)

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 **COYOTE**
Molecular Diagnostics For Everyone