

SPECIFICATIONS

Description	Details
Detection Method	RT-PCR amplification
Throughput	One cartridge per run
Detection Capability	<div><div>• 2 PCR Chambers</div><div>• 4 Fluorescent Probe Channels (FAM, JOE, ROX, CY5)</div></div>
Average Heating Rate	≥5°C/sec
Average Cooling Rate	≥4°C/sec
Data Storage	100,000 test results
Ports	<div><div>• 1 x Ethernet</div><div>• 1 x COM Port</div><div>• 2 x USB 2.0 Ports</div></div>
Data Management	<div><div>• Build-in printer</div><div>• External USB storage</div><div>• LIS Support</div></div>
Power Input	110-240 V, 50-60Hz, 350W
Dimensions	315 mm x 245 mm x 355 mm (H x W x D)
Weight	11 kg

ORDERING INFORMATION

Product name	Catalogue Number
U-Card Dx™ Automated Rapid Molecular Diagnostic Instrument	W992
U-Card Dx™ 2019-nCoV/Flu Test	WG01P0001 [12 tests] WG01P0002 [24 tests]
U-Card Dx™ 2019-nCoV Test	WG02P0001 [12 tests] WG02P0002 [24 tests]
U-Card Dx™ Monkeypox Virus Test	WE13P0001 [12 tests] WE13P0002 [24 tests]



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Rev. A1 Rel.: 2022/09/01



U-Card Dx™

Deliver fast and accurate PCR results.
Anyone. Anywhere. Anytime.



Sample In - Result Out
Extensive Test Menu

28~38 mins

MULTIPLEXED

RAPID TEST

ACCURATE

FULLY
AUTOMATED

Sample In - Results Out



REAGENT FEATURES

- Microfluidic cartridge design
- Lyophilized reagents for ambient temperature stability
- Closed-system design reduces contamination
- Multiplex detection for up to 8 targets/controls
- Rapidly expanding test menu



INSTRUMENT FEATURES

- Designed for use at the point of care
- Portable and fully automated instrument
- Comprehensive results with PCR curves and Ct values
- Simple workflow without sample preparation
- No user maintenance required
- Multiple data connection interface options
- Robust memory capability



TEST MENU

• CE available • RUO

Upper Respiratory Tract

- 2019-nCoV
- 2019-nCoV/Flu A/Flu B
- 2019-nCoV/Flu A/Flu B/RSV
- Flu A/Flu B
- Flu A/Flu B/RSV
- Monkeypox virus
- Strep A

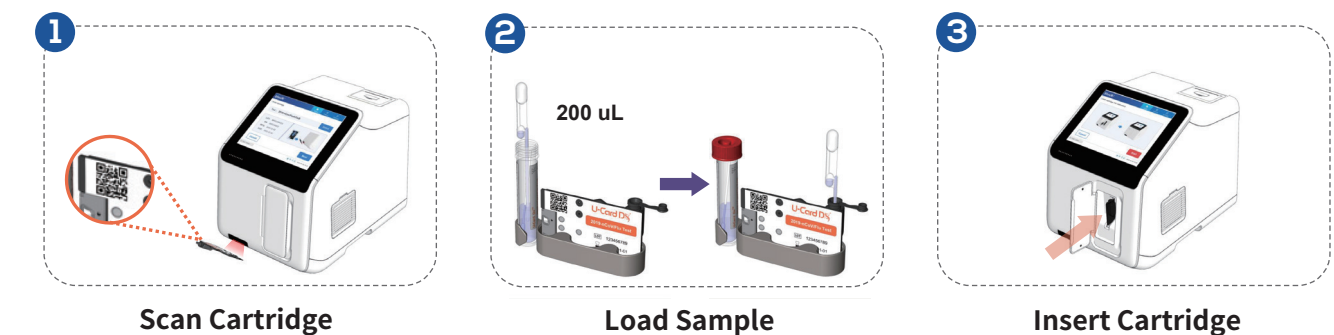
Sexual Transmitted Infection (STI)

- CT/NG
- MG/TV
- UU
- CT/NG/UU
- CT/NG/MG/TV
- HPV
- HSV 1/2

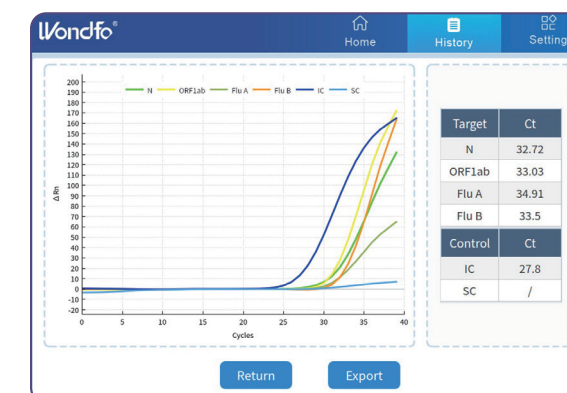
3-STEP OPERATION

- Simple-to-use operation with on-screen guide
- Positive samples identified as soon as 28 minutes

28~38 mins



COMPREHENSIVE RESULTS



Test results:

Sample ID: WF220829142433 Name: Bob Song

Test: 2019-nCoV/FluA/FluB Gender: Female

SN: Age: 16 Year

Sample Collection Date: 2022-08-29 Telephone: 1765431238

User: i.fly

Test Date: 2022-08-29 14:25:06

2019-nCoV: Positive; Flu A: Positive; Flu B: Positive;

APPLICATIONS



Clinical Laboratory



Health Clinics



Urgent Care



Transportation Safety