

# TECHNICAL SPECIFICATIONS

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## UOL COVID-19 Instrument

Part number	UOL002
Product description	UOL COVID-19 Instrument
Sample capacity (wells)	1 well per instrument
Reaction volume	150 microliters
Excitation source	Blue and green LEDs
Detection channels	FAM, HEX
Multiplexing	2 channels
Thermal element	Resistive cartridge heater
Temperature accuracy	+/- 1°C, maximum +/- 2.5°C
Custom dye/chemistry	Loop-de-Loop™ RT-LAMP
Connectivity	Bluetooth
Power Supply Input	100-240V AC 50/60Hz
Power Supply Output	5VDC, 2A, USB-C
Operating and storage conditions	Temperature: +2°C to +30°C Relative humidity: < 95% RH Atmospheric pressure: 70 kPa to 106 kPa
Other environmental requirements	Keep out of direct sunlight, keep dry (regular cleaning per IFU is OK), use upright
Transit conditions	Temperature: -18°C to +60°C Relative humidity: < 90% RH Atmospheric pressure: 59 kPa to 106 kPa
Protection against electric shock	Class II
Dimensions	60 mm x 100 mm x 65 mm
Weight	106 grams

**UOL COVID-19 Test Kit**

Part number	UOL001
Product description	UOL COVID-19 Test Kit (single-use)
Components	1x Foil Pouch with Assay Tube (UOL007) 1x Squeeze Vial (UOL004) 1x Sterile Nasal Swab (YM201) 1x Winged "Used" sticker (UOL006) 1x QR Card Insert (UOL047)
Operating and storage conditions	Temperature: +2°C to +30°C Relative humidity: < 95% RH Atmospheric pressure: 70 kPa to 106 kPa
Transit conditions	Temperature: -18°C to +60°C Relative humidity: < 90% RH Atmospheric pressure: 59 kPa to 106 kPa

**Version 1**