

Technical Specifications	
Principle	Immunofluorescence with Time Resolved Fluorescence (TRF)
Display	7 inch touch color LCD
Motor	Stepper Linear Actuators (5V, 0.34A)
Communication ports	USB 4 ports, LAN Port, USB OTG port
Operation temperature	Temperature 15-35°C
Humidity	Humidity 10 - 70% (Non-condensing)
Output	LCD, Inbuilt printer
Memory storage	1,000 tests
	500 calibrations
	1,000 QC
Power	DC 12V/5A AC/DC Adaptor
	Input: 100 - 240V ~ 50/60Hz, 1.5A
	Output: DC 12V/5A
	Battery : DC 1.5V X 4ea
Dimensions	220 mm (L) X 276 mm (W) X 91 mm (H)
Weight	1.3kg



Purpose: The QDx I Chamber is a specially designed incubator.

Function: Maintains temperature and incubation time for testing cartridges in controlled environmental conditions.

Temperature Control: Some tests require the chamber to maintain a constant temperature during incubation.

Manual Adjustment: The chamber's temperature can be manually adjusted.



Technical Specifications	
Incubator slots	6
Power supply	DC 12V/5A
Display	LCD (16 x 4 characters)
Connectivity	Mini USB port
Dimensions	190 mm (L) x 120.6 mm (W) x 108 mm (H)
Weight	1.5 kg (± 0.3 kg)

Order information	
Item Code	Product
40000000249	QDx Instacheck II Analyser
40000000237	QDx i-Chamber



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QDx

Instacheck-II

Advanced immunoassay analyzer



- Based on Advanced Time Resolved Fluorescence (TRF)
- Can perform up to 40 plus parameters
- Granules for better stability



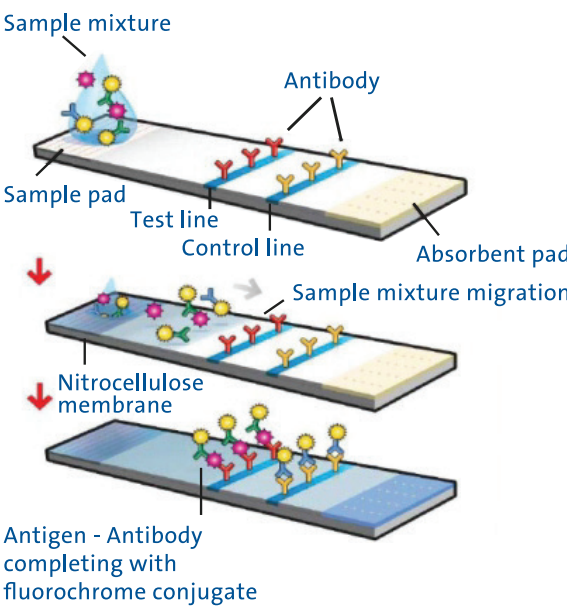
Point of care. Anytime. Anywhere.



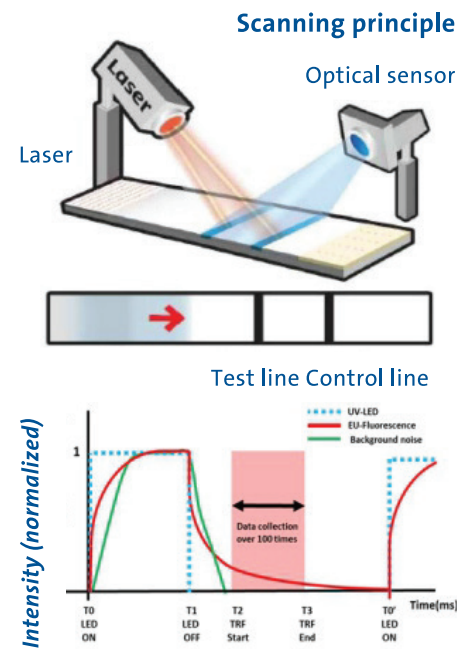
Introduction

The QDx Instacheck II is an advanced POCT immunoassay system that uses time-resolved fluorescence technology to deliver quantitative results for analytes in blood and other samples. It is fluorescence and europium nanoparticle scanning instrument to be used in conjunction with various QDx Instacheck II immunoassay tests which are based on antigen-antibody reactions.

Lateral flow reaction on cartridge



QDx Instacheck II Reader



User-friendly features



*optional

Test Parameters

Category	Parameter	Sample Type	Working Range	QDx Instacheck	QDx Instacheck II	QDx I Chamber Required
Cardiac	Tn-I	S/P	0.1-50.0 ng/mL	●	●	-
	Tn-I Plus	WB/S/P	0.01-15 ng/mL	-	●	-
	Troponin T	WB/S/P	10-20,000 pg/mL	-	●	25°C
	CK-MB	WB/S/P	3-100 ng/mL	●	●	-
	D-Dimer	WB/P	50-10,000 ng/mL	●	●	-
	NT-proBNP	WB/S/P	10-30,000 pg/mL	-	●	25°C
	Myoglobin	WB/S/P	5-500 ng/mL	●	●	-
	hsCRP	WB/S/P	0.5-5 mg/L	●	●	-
	Cardiac Triple	WB/S/P	Tn-I: 0.01-15 ng/mL CK-MB: 3-100 ng/mL Myoglobin: 5-500 ng/mL	-	●	-
	ST2	WB/S/P	3.1-200 ng/mL	-	●	-
Cancer	BNP	WB/S/P	5-5000 pg/ml	-	●	25°C
	PSA*	WB/S/P	0.1-100.0 ng/mL (WB: 0.5-100.0 ng/mL)	-	●	-
	AFP	WB/S/P	5-350 ng/mL	-	●	-
	CEA	WB/S/P	1-500 ng/mL	-	●	-
Diabetes	iFOB Neo	Feces	25-1,000 ng/mL	●	●	-
	HbA1c Neo	WB	(NGSP) 4-15%	-	●	30°C
	Microalbumin	Urine	2-300 mg/L	●	●	-
	Cystatin C	S/P	0.1-7.5 mg/L	●	●	-
Hormone	Insulin*	WB/S/P	2-300 µIU/mL	-	●	25°C
	TSH WB/S/P	WB/S/P	0.09 - 100 µIU/mL	●	●	-
	TSH WB	WB	0.09 - 100 µIU/mL	●	●	-
	T3	S/P	0.77-7.70 nmol/L	●	●	25°C
	T4	S/P	10.23-300.00 nmol/L	●	●	25°C
	FSH	S/P	1-100 mIU/mL	●	●	-
	Progesterone	S/P	4.45-127.20 nmol/L	●	●	25°C
	β-HCG	WB/S/P	5-50,000 mIU/mL	●	●	-
	LH	S/P	1-100 mIU/mL	●	●	-
	PRL	S/P	1-100 ng/mL	●	●	-
	Testosterone	S/P	0.5-12 ng/mL	-	●	25°C
	Cortisol	WB/S/P	50-800 nmol/L	-	●	25°C
Infection	AMH	S/P	0.02-15 ng/mL	-	●	35°C
	CRP	WB/S/P	0.5-200 mg/L	●	●	-
	PCT	WB/S/P	0.1-100.0 ng/mL	●	●	-
	PCT Plus	WB/S/P	0.02-50 ng/mL	-	●	-
	IL-6	WB/S/P	2-2,500 pg/mL	-	●	-
	ASO	S/P	25-800 IU/mL	-	●	-
	Dengue NS1 Ag	WB/S/P	COI Value+Qualitative	-	●	-
Autoimmune	Dengue IgG/IgM	W/S/P	COI Value+Qualitative	-	●	-
	RF IgM	WB/S/P	8-200 IU/mL	●	●	-
	Anti-CCP Plus	WB/S/P	3.5-300 U/mL	-	●	25°C
Other test items	Total IgE	WB/S/P	1-1,000 IU/mL	-	●	-
	Ferritin	S/P	10-1,000 ng/mL	●	●	25°C
	Vitamin D Neo	WB/S/P	5 - 100 ng/mL	-	●	35°C
	Calprotectin	Feces	10-1,000 mg/kg feces	-	●	-
	H. pylori SA	Feces	Qualitative	-	●	-

*Coming soon