

DX BIOCODE



DX 101

Immunofluorescence Quantitative Analyzer

**“India’s 1st Portable & Handheld
Multi-Parameter Point Of Care
Diagnostic Device”**

DX 101

DX 101 Analyzer is a fast, compact, user-friendly, portable & hand-held IVD analyzer that provides Rapid, Accurate, Quantitative Results for wide range of critical health markers; for point of care application at emergency, ICU, ambulances, pharmacy and for remote or at home testing.

Highlights



- **CE & EU-IVD Approved**

Compliant with international medical device standards

- **Portable & Handheld**

Dimensions: 186 mm (L) × 80 mm (W) × 54 mm (H)
Weight: **400 g**

- **Slow volume of Blood Required**

- **Thermal printer with Bluetooth connection**

- **Quantitative Lab – Grade instant results in 3 – 15 mins**

Easy operation & No complex setup

- **Reliable Accuracy**

Good correlation with CLIA method Reduced influence by temperature and improved detection accuracy

- **Large Data Storage Capacity**

Can store nearly **50,000** results data

Operation Guide

01



Click "Sample Test" and insert test card as prompted.

02



Type in / scan for sample information.

03



Add sample as instructed, and click "Start".

04



Instant results in 3 – 15 mins.

Application



Clinic



Emergency / ICU



Ambulance



Blood Bank



GP



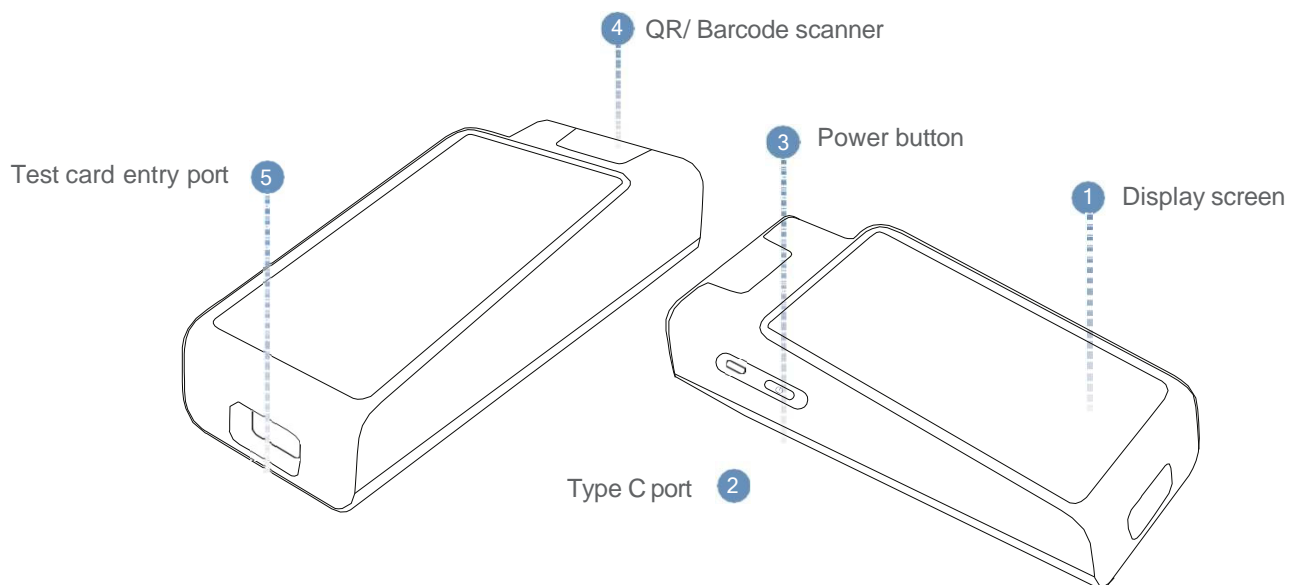
Ward



Pharmacy



CCU



Technical Specifications



Sampling

Sample Type: serum, plasma, whole blood, capillary blood, urine

Sample Volume: 10 ~ 200 μ L depending on the assay



Android System

Smooth operation

Easy operating software updates

OR / Barcode scanner



Large Display

5" LCD touch screen

720*1280 resolution



Repeatability

CV \leq 2% within range [100, 15000] mV

CV \leq 10% within range [0, 100] mV



Working Environment

Temperature: 10°C ~ 35°C

Relative humidity: \leq 70%

Air pressure: 70.0 kPa ~ 106.0 kPa



Connectivity

Equipped with USB Type-C port

Support WiFi wireless network

Support 4G network communication



Power Supply

Rechargeable lithium-ion battery
3700 mAh



Language

English / German / Hindi / Tamil etc.

Customizable

TEST ITEMS

Cat. #	TEST ITEMS	DISEASES	CUT-OFF VALUE	SAMPLE TYPES	MEASURING RANGE	SAMPLE VOLUME	REACTION TIME	QUALIFICATION
Cardiac Markers								
IF7001	cTnI	Myocardial infarction	0.10 ng/mL	S/P/WB	0.10-50.00 ng/mL	100 µL	10 min	NMPA CE
IF7019	hs-cTnI	Acute myocardial infarction	0.040 ng/mL	S/P/WB	0.010-50.000 ng/mL	100 µL	10 min	NMPA CE
IF7098	TnT	Myocardial infarction	14.0 pg/mL	S/P/WB	10.0-10000.0 pg/mL	100 µL	15 min	NMPA CE
IF7018	CK-MB	Myocardial injury	5.00 ng/mL	S/P/WB	2.50-80.00 ng/mL	100 µL	10 min	NMPA CE
IF7089	BNP	Heart failure	100.0 pg/mL	P/WB	5.0-5000.0 pg/mL	100 µL	10 min	NMPA CE
IF7002	NT-proBNP	Heart failure	300 pg/mL	S/P/WB	100-35000 pg/mL	100 µL	10 min	NMPA CE
IF7014	H-FABP	Myocardial damage	6.36 ng/mL	S/P/WB	1.00-120.00 ng/mL	100 µL	3 min	NMPA CE
IF7078	ST2	Chronic heart failure	35.0 ng/mL	S/P/WB	3.0-200.0 ng/mL	100 µL	15 min	CE
IF7012	CK-MB/cTnI	Myocardial damage/infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL	100 µL	10 min	NMPA CE
IF7005	CK-MB/cTnI/Myo	Myocardial damage/infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL Myo: 70.0 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL 30.0-600.0 ng/mL	100 µL	10 min	NMPA CE
IF7016	CK-MB/cTnI/H-FABP	Myocardial damage/infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL H-FABP: 6.36 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL 2.00-100.00 ng/mL	100 µL	10 min	NMPA CE
Coagulation Marker								
IF7006	D-Dimer	Venous thromboembolism	0.50 mg/L	P/WB	0.10-10.00 mg/L	100 µL	10 min	NMPA CE
Thyroid Function								
IF7024	TSH	Thyroid malfunction	0.27-4.20 µIU/mL	S/P	0.10-50.00 µIU/mL	100 µL	15 min	NMPA CE
IF7022	T3	Thyroid Function	1.30-3.10 nmol/L	S/P	0.30-10.00 nmol/L	100 µL	15 min	NMPA CE
IF7023	T4	Thyroid Function	59.00-154.00 nmol/L	S/P	5.40-320.00 nmol/L	100 µL	15 min	NMPA CE
IF7067	ft3	Thyroid Function	3.10-6.80 pmol/L	S/P/WB	0.60-50.00 pmol/L	100 µL	15 min	NMPA CE
IF7068	ft4	Thyroid Function	12.00-22.00 pmol/L	S/P/WB	0.30-100.00 pmol/L	100 µL	15 min	NMPA CE
Vitamin								
IF7031	25-OH-VD	Osteoporosis	30.00-50.00 ng/mL	S/P/WB/ Capillary blood	8.00-100.00 ng/mL	20 µL	8 min	NMPA CE
IF7094	Folate	Megaloblastic anemia	3.89 ng/mL~26.80 ng/mL (8.83 nmol/L-60.80 nmol/L)	S/P	1.2-20.0 ng/mL (2.72-45.4 nmol/L)	20 µL	15 min	CE
IF7070	Vitamin B12	Megaloblastic anemias	197.00-771.00 pg/mL (145.40-569.00 pmol/L)	S/P	100.0-2000.0 pg/mL or 73.8 -1476.0 pmol/L	100 µL	15 min	CE
Diabetes Mellitus								
IF7017	HbA1c	Diabetes mellitus	3.80%-5.80%	WB	2.00%-14.00%	10 µL	5 min	NGSP/IFCC NMPA CE
Inflammation								
IF7003	hs-CRP+CRP	Cardiovascular inflammation	3.0 mg/L 10.0 mg/L	S/P/WB Fingertip blood	0.5-200.0 mg/L	10 µL	3 min	NMPA CE
IF7007	PCT	Sepsis, bacterial infection	0.10 ng/mL	S/P/WB	0.05-50.00 ng/mL	100 µL	15 min	NMPA CE
IF7139	Calprotectin	Inflammatory bowel disease	< 50.0 µg/g	Fecal specimen	10.0-600.0 µg/g	100 µL	15 min	CE
IF7044	SAA	Bacterial/Virus infection	10.0 mg/L	S/P/WB Fingertip blood	5.0-200.0 mg/L	10 µL	5 min	NMPA CE
IF7088	IL-6	Acute inflammation	Refer to user manual	S/P/WB Peripheral blood	1.5-4000.0 pg/mL	40 µL	15 min	NMPA CE
IF7015	PCT/CRP	Sepsis, bacterial infection	PCT: 0.10 ng/mL CRP: 3.0 mg/L	S/P/WB	0.10-50.00 ng/mL 0.5-200.0 mg/L	20 µL	15 min	NMPA CE
IF7090	SAA/CRP	Sepsis, bacterial/virus infection	SAA: 10.0 mg/L CRP: 10.0 mg/L	S/P/WB Peripheral blood	5.0-200.0 mg/L 0.5-200.0 mg/L	10 µL	5 min	NMPA CE
Renal Function								
IF7008	CysC	Renal diseases	0.51-1.09 mg/L	S/P/WB	0.50-10.00 mg/L	10 µL	3 min	NMPA CE
IF7009	mAlb	Diabetic nephropathy	20.0 mg/L	Urine	10.0-200.0 mg/L	100 µL	3 min	NMPA CE
IF7011	β2-MG	Kidney diseases/tumours	0.80-3.00 mg/L	S/P/WB	0.50-20.00 mg/L	10 µL	3 min	NMPA CE
IF7010	NGAL	Acute kidney injury	Serum: 200.0 ng/mL Urine: 100.0 ng/mL	S/Urine	50.0-5000.0 ng/mL	10 µL	10 min	NMPA CE

Cat. #	TEST ITEMS	DISEASES	CUT-OFF VALUE	SAMPLE TYPES	MEASURING RANGE	SAMPLE VOLUME	REACTION TIME	QUALIFICATION
Fertility								
IF7013	HCG+β	Fertility	5.1 mIU/mL	S/P	5.0-100000.0 mIU/mL	100 µL	10 min	NMPA CE
IF7055	LH	PCOS, infertility evaluation	Refer to User Manual	S/P	0.20-150.00 mIU/mL	100 µL	15 min	NMPA CE
IF7056	FSH	PCOS, infertility evaluation	Refer to User Manual	S/P	0.20-150.00 mIU/mL	100 µL	15 min	NMPA CE
IF7066	AMH	Fertility, PCOS, gonadal function	Refer to User Manual	S/P	0.10-20.00 ng/mL	100 µL	15 min	NMPA CE
IF7048	PRL	Infertility	Refer to User Manual	S/P	0.50-200.00 ng/mL	100 µL	15 min	NMPA CE
IF7071	Prog	Infertility	Refer to User Manual	S/P	0.10-40.00 ng/mL	100 µL	15 min	NMPA CE
IF7138	Estradiol	Ovarian function	Refer to User Manual	S/P	40.0-4800.0 pg/mL	100 µL	15 min	CE
IF7073	Testosterone	Female PCOS	Refer to User Manual	S/P	0.10-16.00 ng/mL	100 µL	15 min	CE
Tumor Markers								
IF7053	tPSA	Prostate cancer	4.00 ng/mL	S/P	0.40-100.00 ng/mL	100 µL	15 min	NMPA
IF7072	fPSA	Prostate cancer	1.00 ng/mL	S/P	0.03-30.00 ng/mL	100 µL	10 min	NMPA
IF7050	AFP	Liver cancer, etc.	7.0 ng/mL	S/P	2.0-500.0 ng/mL	100 µL	15 min	NMPA CE
IF7051	CEA	Malignant tumour screening	4.7 ng/mL	S/P	2.0-500.0 ng/mL	100 µL	15 min	NMPA CE
IF7079	CA125	Ovarian cancer	35.0 U/mL	S/P/WB	2.0-500.0 U/mL	100 µL	15 min	CE
IF7080	CA19-9	Pancreatic cancer	27.0 U/mL	S/P/WB	2.0-1000.0 U/mL	100 µL	15 min	CE
IF7081	CA15-3	Breast cancer	26.2 U/mL	S/P/WB	1.5-300.0 U/mL	100 µL	10 min	CE
IF7052	PG I/PG II	Atrophic gastritis	PG I <70.0 ng/mL PG I/PG II < 3.0 ng/mL	S/P	PG I: 1.0-200.0 ng/mL PG II: 1.0-100.0 ng/mL	100 µL	15 min	NMPA CE
Infectious Disease								
IF7057	Anti-HCV	Hepatitis C	1.00 S/CO	S/P	1.00-20.00 S/CO	100 µL	15 min	
IF7058	Anti-TP	Syphilis	1.00 S/CO	S/P	1.00-50.00 S/CO	100 µL	15 min	CE
IF7059	Anti-HIV	AIDS	1.00 S/CO	S/P	1.00-1000.00 S/CO	100 µL	15 min	
IF7064	HBsAg	Hepatitis B	1.00 IU/mL	S/P	1.00-100.00IU/mL	100 µL	15 min	
IF7063	Anti-HBs	Hepatitis B	10.00 mIU/mL	S/P/WB	10.00-1000.00 mIU/mL	100 µL	15 min	
IF7091	SARS-CoV-2 Antigen	COVID-19	1.00 COI	Nasal swab	0.50-100.0 ng/mL	/	15 min	CE
IF7047	H. pylori Antigen	H. pylori infection	5.0 ng/mL	Stool	1.0-200.0 ng/mL	10-50 mg	10 min	CE
IF7086	Influenza A/B	Respiratory viral infection	1.00 COI	Nasal swab	1.00-50.00 S/CO	/	15 min	CE
IF7136	Dengue NS1 Ag	Dengue virus infection	1.00 S/CO	S/P/WB	1.00-50.00 S/CO	100 µL	15 min	CE
IF7137	Dengue IgG/IgM Antibody	Dengue fever	COI<1.00	S/P/WB		10-50 mg	15 min	CE
IF7140	H. Pylori Antibody	Functional dyspepsia	COI<1.0, S/CO	S/P/WB		100 µL	15 min	CE
IF7085	RSV/Influenza A/B	Flu, LRTI	COI<1.00	Human nasal swab sample		/	15 min	CE
Specific Protein and Rheumatism								
IF7075	RF	Rheumatoid arthritis	15.9 IU/mL	S/P/WB	10.0-640.0 IU/mL	10 µL	10 min	NMPA CE
IF7076	ASO	Rheumatoid arthritis	408.0 IU/mL	S/P/WB	60.0-1370.0 IU/mL	10 µL	10 min	NMPA CE
IF7029	Anti-CCP	Rheumatoid arthritis	25.0 U/mL	S/P/WB	10.0-400.0 U/mL	10 µL	15 min	CE
Metabolic Marker								
IF7112	Osteocalcin	Osteoporosis	Male: 14-70 ng/mL Female:11-48 ng/mL	S/P	1.5-300.0 ng/mL	100 µL	15 min	CE
Others								
IF7110	Cortisol	Adrenal cortex function	Refer to User Manual	S/P	11-1655 nmol/L	100 µL	15 min	CE
IF7069	Total IgE	Allergic disorders	Refer to User Manual	S/P/WB	1.00-2000.00 IU/mL	100 µL	15 min	CE
IF7077	Ferritin	Anemia/tumors	Refer to User Manual	S/P	0.50-1000.00 ng/mL	10 µL	15 min	NMPA CE



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