

Finecare[™] Plus

Fluorescent Immunoassay Rapid Quantitative
Point Of Care Analyser System



Finecare™ Plus

Finecare™ Plus is a fluorescent immunochromatographic Point of Care analyser system which can help diagnose conditions such as infection, diabetes, cardiovascular disease, renal injury, cancers as well as improving patient pathways.

The Finecare™ platform provides reliable & quantitative results for various kinds of analytes in human blood or urine within several minutes.

Application: General Practice, Primary Care Clinics, Laboratory, A&E, Cardiology, ICU, Respiratory, Paediatrics, Renal etc.

Test Menu (CE Marked)

Fertility

β-hCG, LH, FSH, Progesterone

Infection

PCT, CRP(hsCRP+CRP), 2in1(CRP+PCT), SAA

Cardiac

NT-proBNP, Troponin, Myo, CK-MB, H-FABP, 3in1 (cTnI + Myo + CK-MB), 2in1 (Trop+ NT-ProBNP), BNP, hsCRP

Diabetes & Renal Injury

HbA1c, MAU, CysC, NGAL, β2-MG

Tumor

AFP, PSA, CEA, fPSA

Vitamin

Vitamin D

Coagulation

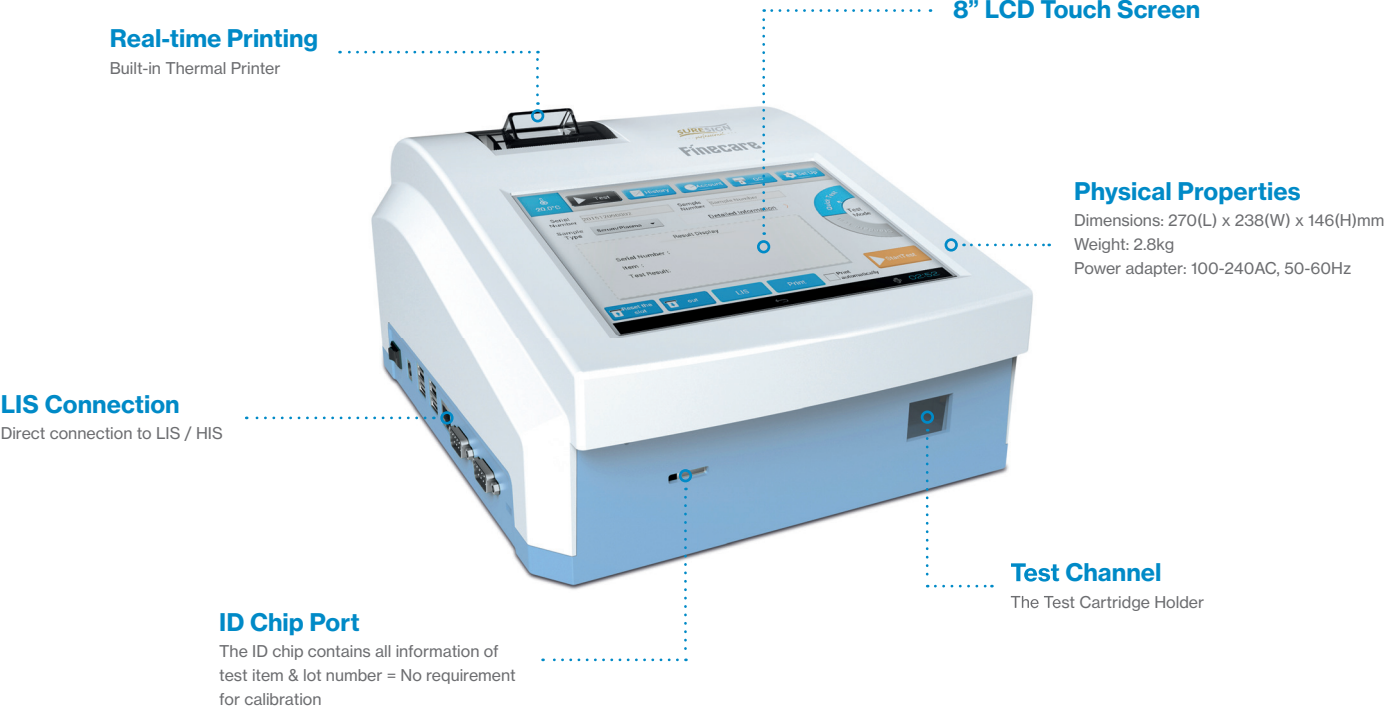
D-dimer

Thyroid Function

T3, T4, TSH, fT3, fT4

In Development

Ferritin, FOB, H.Pylori Antigen, Vit-B12, S100β, ST2, Lp-PLA, IL-6



Key Features: Finecare™ Plus Analyser

- Easy to use Point of Care analyser - User satisfaction.
 - Highly sensitive and specific fluorescent technology - Reliable laboratory standard results.
 - No calibration required - Minimal user intervention.
 - Rapid test results - Improves the patient pathway.
 - Batch & stat test modes - Suitable for both busy hot labs & low throughput clinics.
 - Administrator controlled user, QC & test lockouts - Result quality ensured.
 - Interface capability - Simple download data transfer.
 - Wide range of tests available & in planning - Cost effective, future proofed analyser.
 - Small analyser footprint - Minimal space requirement in busy clinics.
 - Virtually maintenance free - Minimal user intervention.
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Key Features: Finecare™ Tests/Test Kits

- Low number of testing steps = Reduced user time requirement.
- All tests have an on board control = Reliable results, provides user confidence.
- Familiar cassette format = User confidence.
- All kits presented as 25 test packs = Standardisation.
- All kit types stored at room temperature = Reduced refrigerator requirement, kits always ready to use.
- Long shelf life kits = No wastage, simple stock control.
- Tests kits using capillary blood include sampling devices = Easy to use & improved accuracy.



Finecare™ Plus Test Details

Product Class	Test Item	Specimen Type	Specimen Volume	Reaction Time	Measuring Range	Clinical Reference	Qualification
Vitamin	Vitamin D	Serum/Plasma	75 µL	15 min	5-100 ng/mL	30-100 ng/mL	CE
Diabetic & Renal Injury Markers	HbA1c	WB	10 µL	5 min	4.0-14.5%	4-6.5%	CE IFCC NGSP
	MAU	Urine	75 µL	3 min	5-300 mg/L	0-20 mg/L	CE
	CysC	WB/Serum/Plasma	10 µL	5 min	0.2-10 mg/L	0.5-1.1 mg/L	CE
	NGAL	Urine	75 µL	15 min	10-1500 ng/mL	≤131.7 ng/mL	CE
	β2-MG	WB/Serum/Plasma	10 µL	10 min	0.3-20 mg/L	1.0-2.7 mg/L	CE
Thyroid Function	T3	WB/Serum/Plasma	75 µL	15 min	0.61-9.22 nmol/L	1.23-3.07 nmol/L	CE
	T4	WB/Serum/Plasma	75 µL	15 min	12.87-300 nmol/L	66-181 nmol/L	CE
	TSH	WB/Serum/Plasma	75 µL	15 min	0.1-100 mIU/L	0.3-4.2 mIU/L	CE
	fT3	WB/Serum/Plasma	75 µL	15 min	0.40-50.00 pmol/L or 0.26-32.55 pg/mL	2.8-7.1 pmol/L (1.82-4.61 pg/mL)	CE
	fT4	WB/Serum/Plasma	75 µL	15 min	1.00-100 pmol/L or 0.078-7.77 ng/dL	12-22 pmol/L (0.94-1.72 ng/dL)	CE
Fertility	β-HCG	WB/Serum/Plasma	20 µL	15 min	2-200,000 mIU/mL	5 mIU/mL	CE
	LH	WB/Serum/Plasma	75 µL	15 min	1-100 mIU/mL	Male: 1.70-8.60 mIU/mL; Female: Follicular phase : 2.95-13.65 mIU/mL Ovulation phase : 13.65-45.75 mIU/mL Luteal phase : 1.25-41.00 mIU/mL Menopause phase : 8.24-55.23 mIU/mL	CE
	FSH	WB/Serum/Plasma	75 µL	15 min	1-100 mIU/mL	Male: 1.50-12.40 mIU/mL Female: Follicular phase : 4.46-12.43 mIU/mL Ovulation phase : 4.98-20.96 mIU/mL Luteal phase : 1.96-7.70 mIU/mL Menopause phase : 22.70-130.00 mIU/mL	CE
	Prog	WB/Serum/Plasma	75 µL	15 min	1.5-60 ng/mL	Male: 0.2-1.5 ng/mL Female: Follicular phase: 0.2-2.0 ng/mL Ovulation phase: 0.7-3.5 ng/mL Luteal phase: 3.0-30 ng/mL Menopause phase: 0.1-0.9 ng/mL 7 weeks of pregnancy: 24.5±7.6 ng/mL 9-12 weeks of pregnancy: 38.0±10.0 ng/mL	CE
	PRL	WB/Serum/Plasma	75 µL	15 min	1-200 ng/mL	Female (non-pregnant): 4.60-25.07 ng/mL Male: 3.45-17.42 ng/mL	
	E2	WB/Serum/Plasma	75 µL	15 min	9-3000 pg/mL	Male: <85 ng/mL Female: Follicular Phase: 12-262 pg/mL Ovulation: 40-396 pg/mL Luteal Phase: 21-361 pg/mL Menopause: <150 pg/mL Pregnancy: >145 pg/mL	
	Testosterone	WB/Serum/Plasma	75 µL	15 min	0.2-15 ng/mL	Male: 20-49 years old: 1.81-8.41 ng/mL ≥50 years old: <0.61 ng/mL Female: 20-49 years old: ≤0.80 ng/mL ≥50 years old: <0.71 ng/mL	
	AMH	WB/Serum/Plasma	75 µL	15 min	0.1-16 ng/mL	Male: 20-40 years old: 0.92-13.89 ng/mL Female: 20-29 years old: 0.88-10.35 ng/mL 30-39 years old: 0.31-7.86 ng/mL 40-50 years old: ≤5.07 ng/mL	
Cardiac Markers	NT-proBNP	WB/Serum/Plasma	75 µL	15 min	18-35000 pg/mL	<75 years old: 0-300 pg/mL ≥75 years old: 0-450 pg/mL	CE
	cTn I	WB/Serum/Plasma	75 µL	15 min	0.1-50 ng/mL	0-0.3 ng/mL	CE
	Myo	WB/Serum/Plasma	75 µL	15 min	2.0-400 ng/mL	0-58 ng/mL	CE
	CK-MB	WB/Serum/Plasma	75 µL	15 min	0.3-100 ng/mL	0-5 ng/mL	CE
	H-FABP	WB/Serum/Plasma	75 µL	15 min	1-120 ng/mL	0-7 ng/mL	CE
	3 in 1 (cTn I/Myo/CK-MB)	WB/Serum/Plasma	75 µL	15 min	Same with single items	Same with single items	CE
	BNP	WB/ Plasma	75 µL	15 min	5-5000 pg/mL	0-100 pg/mL	CE
	2 in 1 (cTn I/ NT-proBNP)	WB/Serum/Plasma	75 µL	15 min	Same with single items	Same with single items	CE
	hsCRP	WB/Serum/Plasma	10 µL	3 min	0.1-10 mg/L	≤1.0 mg/L	CE
Coagulation	TnT	WB/Serum/Plasma	100 µL for whole blood 75 µL for plasma/serum	15 min	0.03-10 ng/mL	0-0.1 ng/mL	
	D-Dimer	WB/Plasma	15 µL for whole blood 10 µL for plasma	5 min	0.1-10 mg/L	0-0.5 mg/L	CE
	D-Dimer one step	WB/Plasma	100 µL for whole blood 75 µL for plasma	15 min	0.1-10 mg/L	0-0.5 mg/L	CE
Inflammation Markers	PCT	WB/Serum/Plasma	75 µL for whole blood 50 µL for plasma/serum	15 min	0.1-100 ng/mL	0-0.5 ng/mL	CE
	CRP (hsCRP+CRP)	WB/Serum/Plasma	8.5 µL for whole blood 5 µL for plasma/serum	3 min	0.5-200 mg/L	CRP:0-10 mg/L hsCRP:<0.1 mg/L	CE
	2 in 1 (CRP+PCT)	WB/Serum/Plasma	75 µL	15 min	CRP:0.5-150 mg/L PCT:0.1-100 ng/mL	CRP:<10 mg/L PCT:<0.5 ng/mL	CE
	SAA	WB/Serum/Plasma	10 µL	15 min	1.0-300 mg/L	0-10 mg/L	CE
Tumor Markers	AFP	WB/Serum/Plasma	75 µL	15 min	5-400 ng/mL	0-20 ng/mL	CE
	PSA	WB/Serum/Plasma	75 µL	15 min	2-100 ng/mL	0-4 ng/mL	CE 0123
	CEA	WB/Serum/Plasma	75 µL	15 min	1-500 ng/mL	0-5 ng/mL	CE
	fPSA	WB/Serum/Plasma	75 µL	15 min	0.2-30 ng/mL	< 1 ng/mL	CE 0123
Others	Cortisol	WB/Serum/Plasma	75 µL	15 min	50-1000 nmol/L	7:00-10:00 a.m.: 201.31-536.54 nmol/L 4:00-8:00 p.m.: 65.78-330.85 nmol/L	
COVID-19	SARS-CoV-2 Antibody	WB/Serum/Plasma	10µL	10min			CE
	2019-nCoV Antigen	Nasopharyngeal Swab/ Oropharyngeal Swab	N/A	15 min			CE