

Specification:

General Information

Throughput	: Upto 120 tests/hour
Time to First Result	: 13 minutes
Detection Principle	: Magnetic particle-based direct Chemiluminescence
Chemiluminescence Label	: Acridinium Ester

Sample System

Sample Position	: 16 sample positions with STAT function
Types of Sample tube	: Microcup & blood collecting tubes
Sample Volume	: 5~150μL

Reagent System

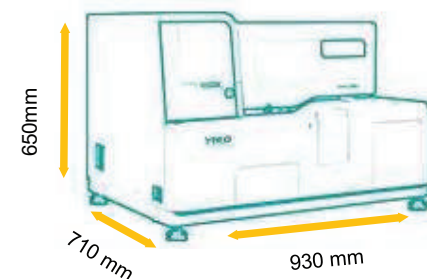
Reagent Position	: 15 reagent positions with on-board refrigeration
Reagent Carousel Temperature	: 2~8°C
Reagent Detection	: Reagent level tracking
Reagent Pack	: 2 X 50 tests

Reaction Carousel

Incubation Capacity	: 48 reaction vessels
Incubation temperature	: 37.0°C±0.3°C
Mixing system	: Non-Contact Vortex Mixer

Operating Conditions

Power Supply	: 100~240V,50/60 Hz
Power Consumption	: 600 VA
Temperature	: 10~30°C
Weight	: 120 Kg



CPC Diagnostics Pvt Ltd

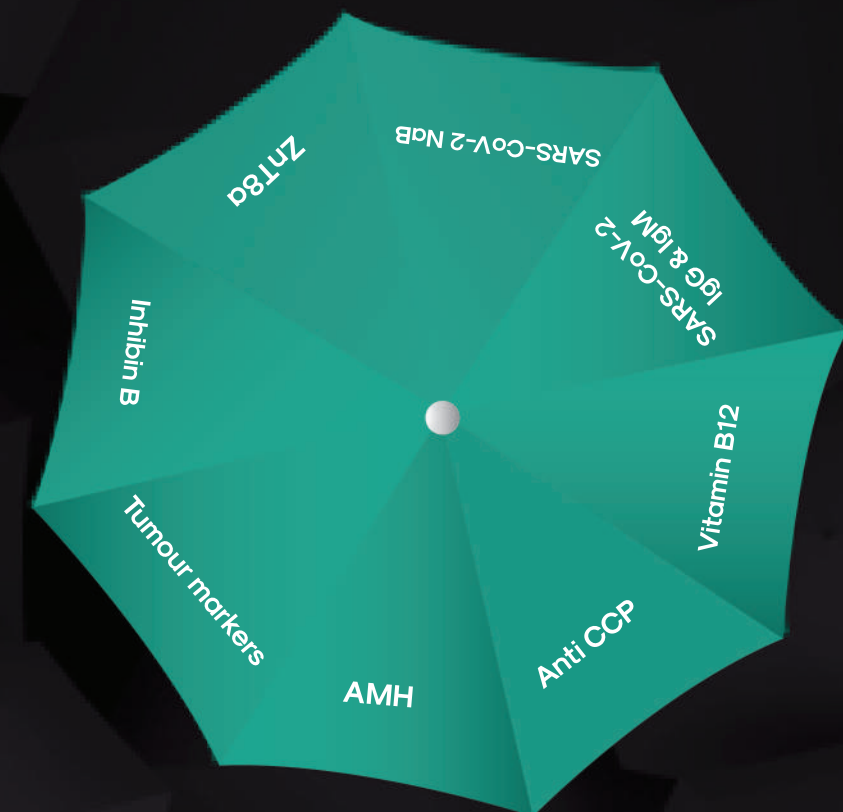
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Mylapore, Chennai - 600 004

For More Details Please Call@ +91 87544 68400

Write To : marketing@cpcdiagnostics.in

BEYOND THE ROUTINE

COMPACT & POWERFUL



iFLASH 1200

CHEMILUMINESCENCE IMMUNOASSAY ANALYZER



iFlash 1200 Analyzer

- High Throughput upto 120 Test/Hour
- 4 step Magnetic separation based Direct CLIA
- Time to First Result within 13 minutes
- Continuous Loading of samples, cuvettes & Reagents
- Auto dilution, Reflex, Auto rerun



iFlash Reagents

- 2 X 50 test pack
- Ready to use reagents
- Inbuilt calibrators with 28 days calibration stability



Sample system

- Dedicated single rack system
- 16 Sample positions with STAT

Accurate & Quality Results

- Non Contact vortex Mixer to minimize carryover
- 4 step magnetic separation, achieves quality results



Reproductive Health

AMH (anti-müllerian hormone)
 Inhibin A
 Inhibin B
 LH
 FSH
 Prolactin
 Progesterone
 Testosterone
 Estradiol
 DHEA-S
 HCG

Tumour Markers

AFP (Alpha Fetoprotein)
 CEA (Carcino Embryonic Antigen)
 CA 125 (Cancer Antigen 125)
 CA 19-9 (Cancer Antigen 19-9)
 Free PSA (Free Prostate-Specific Antigen)
 Total PSA (Total Prostate-Specific Antigen)
 CYFRA 21-1
 NSE
 CA 15-3
 free betaHCG
 Tg
 PG I (pepsinogen I)
 PG II (Pepsinogen II)

Antiphospholipid Syndrome

Cardiolipin IgG
 Cardiolipin IgM
 Anti-Cardiolipin
 β 2-Glycoprotein I IgG
 Anti- β 2-Glycoprotein I
 Cardiolipin IgA
 β 2-Glycoprotein I IgM
 β 2-Glycoprotein I IgA

Rheumatoid Arthritis

Anti-CCP
 RF IgG
 RF IgM
 RF (Rheumatoid Factor)
 RA33 IgG

Bone Metabolism

25-OH Vitamin D
 PTH

Anemia

Ferritin
 Vitamin B12
 Folate

Inflammation

PCT (Procalcitonin)

Thyroid

T3
 T4
 Free T4
 Free T3
 TSH
 Anti-Tg
 Anti-TPO
 Anti-TSHR

Infectious

SARS-CoV-2 IgG
 SARS-CoV-2 IgM
 SARS-CoV-2 NAb

Diabetes

Adiponectin
 Cortisol
 Insulin
 C-Peptide
 GADA
 IAA
 IA-2A
 ICA
 ZnT8A

Cardiac Markers

Troponin I
 BNP
 Myoglobin

Metabolism

ACTH (Adrenocorticotrophic Hormone)

Liver Fibrosis

HA (Hyaluronic acid)
 P III PN-P
 Col IV (Collagen IV)
 Laminin

Controls

Immunoassay multi-control
 AMH Control
 Inhibin B Control
 PCT Control

Features of iFlash Reagents

- Pack size 2 x 50 Tests
- 28 days On board reagent stability
- 28 days Calibration stability
- Built in Calibrators for all Parameters

