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

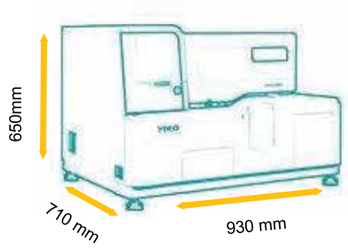
Reagent Position	: 15 reagent positions with on-board refrigeration
Reagent Carousel Temperature	: 2–8°C
Reagent Detection	: Reagent level tracking
Reagent Pack	: 2 X 50 tests

Reaction Carousel

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

Operating Conditions

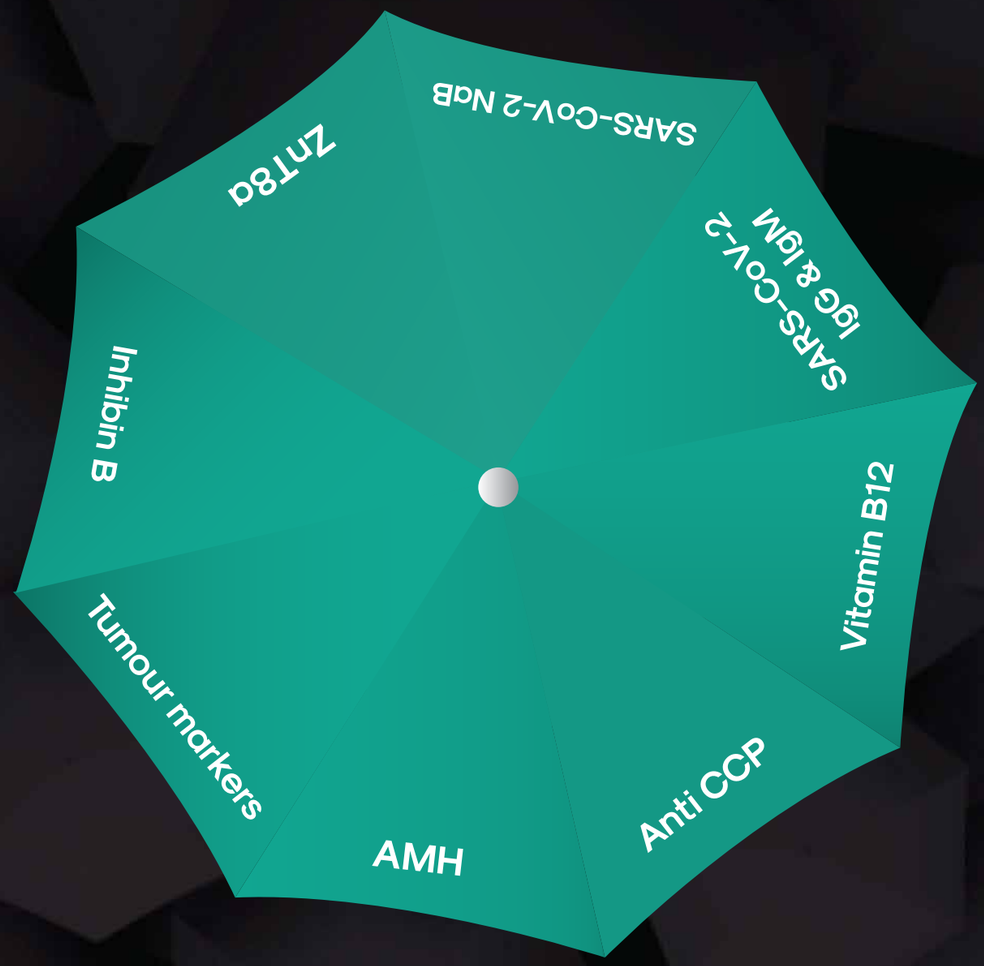
Power Supply	: 100~240V,50/60 Hz
Power Consumption	: 600 VA
Temperature	: 10~30°C
Weight	: 120 Kg



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BEYOND THE ROUTINE

COMPACT & POWERFUL



iFLASH 1200-A

CHEMILUMINESCENCE IMMUNOASSAY ANALYZER

APPROVED ASSAYS

iFlash 1200-A Analyzer

- High Throughput upto 120 Tests/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 1200-A

iFlash Reagents

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



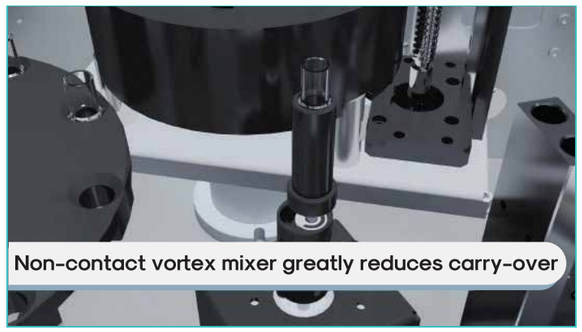


Sample system

- 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





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Reproductive Health

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

Tumour Markers

AFP
(Alpha Fetoprotein)
CEA
(Carcino Embryonic Antigen)
CA 125
(Cancer Antigen 125)
CA 19-9
(Cancer Antigen 9-9)
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)

Respiratory Disease

Mycoplasna pn. IgG
Mycoplasma pn. IgM
Chlamydia pn. IgG
Chlamydia pn. IgM

Diabetes

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

Thyroid

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

Inflammation

PCT
(Procalcitonin)

Anemia

Ferritin
Vitamin B12
Folate

Antiphospholipid Syndrome

Cardiolipin IgG
Cardiolipin IgM
Anti-Cardiolipin β2-Glycoprotein I IgG
Anti-β2-Glycoprotein I Cardiolipin IgA
β2-Glycoprotein I IgM
β2-Glycoprotein I IgA

Rheumatoid Arthritis

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

Bone Metabolism

25-OH Vitamin D
PTH

Cardiac Markers

Troponin I
BNP
Myoglobin

ToRCH

Toxo IgG
Toxo IgM
CMV IgG
CMV IgM
HSV-1 IgG
HSV-2 IgG
HSV-1 IgM
HSV-2 IgM
Rubella IgG
Rubella IgM

Liver Fibrosis

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

Metabolism

ACTH
(Adrenocort-icotropic Hormone)

COVID

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

iFLASH 1200-A

Quality Controls

IAM Control
-(FT3,FT4,T3,T4,TSH,Tg,Anti-Tg, Anti-Tpo,HCG, Progesterone, Testosterone,LH,Prolactin,FSH, E2, DHEA-S,Cortisol,Insulin, C-Peptide, PTH,25-OH Vitamin D, Ferritin,Troponin-I, CK-MB, Myoglobin, Folate,Vitamin B12)
AMH Control
Inhibin B Control
PCT Control
IA-2A Control
ZnT8A Control
ICA Control
IAA Control
GADA Control
Cardiolipin IgG Control
Cardiolipin IgM Control
Anti Cardiolipin Control
B2 Glycoprotrein I IgG Control
B2 Glycoprotrein I IgM Control
Anti B2 Glycoprotein I Control
MPO Control
PR3 Control
ANA Control
DsDNA Control
Rheumatoid Arthritis Multicontrol Parameters –(RF,RF IgM,RF IgG and Anti ccp)



Features of iFlash Reagents

- Pack size 2x50 Tests
- 28 days On board reagent Stability
- 28 days Calibration stability
- Built in Calibrators for all Parameters



CE APPROVED ASSAYS

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