

Routine	Reproductive Health	Autoimmunity	Infection
Tumor Marker PG I PG II AFP CEA CA 125 CA 15-3 CA 19-9 Free PSA Total PSA CYFRA 21-1 NSE SCC HE4 CA72-4 Gastrin-17 ProGRP CA242 CA50**	Growth Hormone hGH IGF-1** IGFBP-3** Diabetes Insulin C-Peptide Adiponectin Glucagon** Cardiac Marker CK-MB Myoglobin Troponin-I hs-cTnI BNP NT-proBNP D-Dimer	Fertility AMH Inhibin B Inhibin A LH FSH HCG Prolactin DHEA-S Unconjugated Estriol E2 PAPP-A free BhCG Progesterone Testosterone 17 α -OH-P Androstenedione SHBG	Rheumatoid Arthritis Anti-CCP RF IgG RF IgM RF RA33 IgG Connective Tissue Disease ANA dsDNA IgG Sm IgG SS-A IgG SS-B IgG Scl-70 IgG Jo-1 IgG RNP70 IgG Rib-PO IgG CenP B IgG PM-Scl IgG Blood Bank Anti-TP (Syphilis) Anti-HCV HBsAg Anti-HBs HBcAg Anti-HBe Anti-HBc HIV Combo
Thyroid T4 FT4 T3 FT3 TSH Tg Anti-Tg Anti-TPO Anti-TSHR Calcitonin**	Hypertension ACTH Cokisol Renin** Aldosteron** Bone Metabolism 25-OH Vitamin D PTH Calcitonin** Osteocalcin**	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	Autoimmune Liver SMA IgG AMA-M2 Autoimmune Diabetes IA-2A IAA GADA ICA ZnT8A Vasculitis Diagnostics PR3 IgG GBM IgG MPO IgG Autoimmune Disease EBV EB VCA IgG EB VCA IgM EB VCA IgA EB EA IgM EB NA IgG EB NA IgA Celiac Disease tTG IgA tTG IgG DGP IgA DGP IgG Allergy Total IgE IgG Subclass IgG1 IgG2 IgG3 IgG4
Thrombosis Marker TAT** PIC** TM** t-PAIC** D-Dimer FDP**	Liver Fibrosis HA PIIPN-P Col IV Laminin	Anti-Phospholipid Syndrome Cardiolipin IgG Cardiolipin IgM Cardiolipin IgA Anti-Cardiolipin B2-Glycoprotein I IgG B2-Glycoprotein I IgA B2-Glycoprotein I IgM Anti-B2-Glycoprotein I	Inflammation PCT IL-6 CRP**
Anemia Ferritin Folate Vitamin B12			Coming Soon

GENERAL INFORMATION	
Throughput	Up to 180 tests/hour
Fastest time to first result	12 minutes
Detection principle	Magnetic particle-based direct chemiluminescence
Chemiluminescence label	Acridinium Ester
SAMPLE LOADING SYSTEM	
Sample position	5 samples per rack, 50 sample positions with STAT function
Sample volume	5-150 μ L
Reaction vessels loader capacity	1000 pcs, with continuous loading
REAGENT SYSTEM	
Reagent position	20 positions with on-board refrigeration
Reagent carousel temperature	2-8 °C
Reagent detection	Reagent level tracking
Reagent pack	50/100/150* tests per kit
Auto dilution	Maximum of 1:400
REACTION SYSTEM	
Incubation position	75 reaction vessels
Incubation temperature	37.0 °C \pm 0.3 °C
Mixing system	Non-contact vortex mixer
MAGNETIC SEPARATION SYSTEM	
Washing method	4-step magnetic separation
OPERATING CONDITIONS	
Power supply	100-240 V, 50/60 Hz
Power consumption	1000 VA
Temperature	10-30 °C
Ambient humidity	20%-70% RH
Physical dimensions	1030 * 750 * 710mm (L*W*H)
Weight	150 kg

Local Distributor:


P/N: ENG-i302-202503


ISO 9001
Quality Management Systems
CERTIFIED


ISO 13485
Quality Management for Medical Devices
CERTIFIED

2797



YHLO

FULLY AUTOMATED

CHEMILUMINESCENCE IMMUNOASSAY ANALYZER

iFlash I800



Intelligent

Reflex, auto-dilution and auto-rerun functions

Real-time monitoring of reagents and consumables

Probes featured with collision prevention, and liquid level, empty aspiration, and clot detection functions via capacitive sensors



Flexible

With STAT positions

Integrates with laboratories handling small to medium-sized testing volumes



Liberate

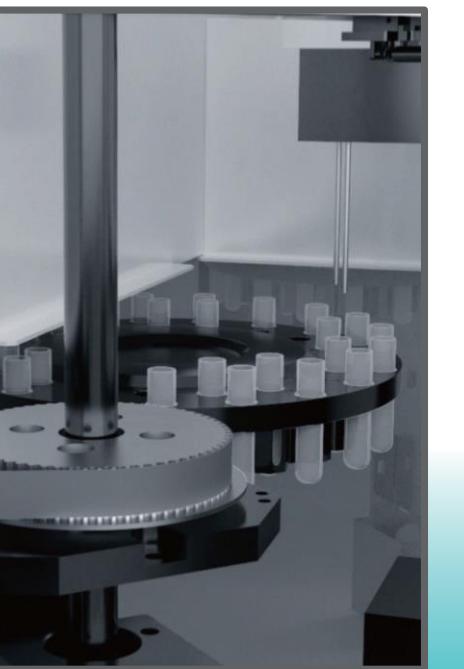
Capacity of 1000 RV with auto-replenishment system

Reagent carousel with automatic micro-magnetic bead mixing function

Accurate

Temperature-controlled, incubation and reagent carousels, fluctuations within $\pm 0.1^\circ\text{C}$

Probes with high-pressure inner and outer walls washing and precise aspiration with an accuracy of $\pm 0.5 \mu\text{L}$



Stable

Patented magnetic separation technology – reducing micro-magnetic bead loss

Automatic routine maintenance



Harmonious

Compact, bench-top and user-friendly design adapt to diverse laboratory environments

Offers both concentrated and lyophilized wash buffers for easy operation