

PURE DIAGNOSTICS

Website www.Purediagnostics.com

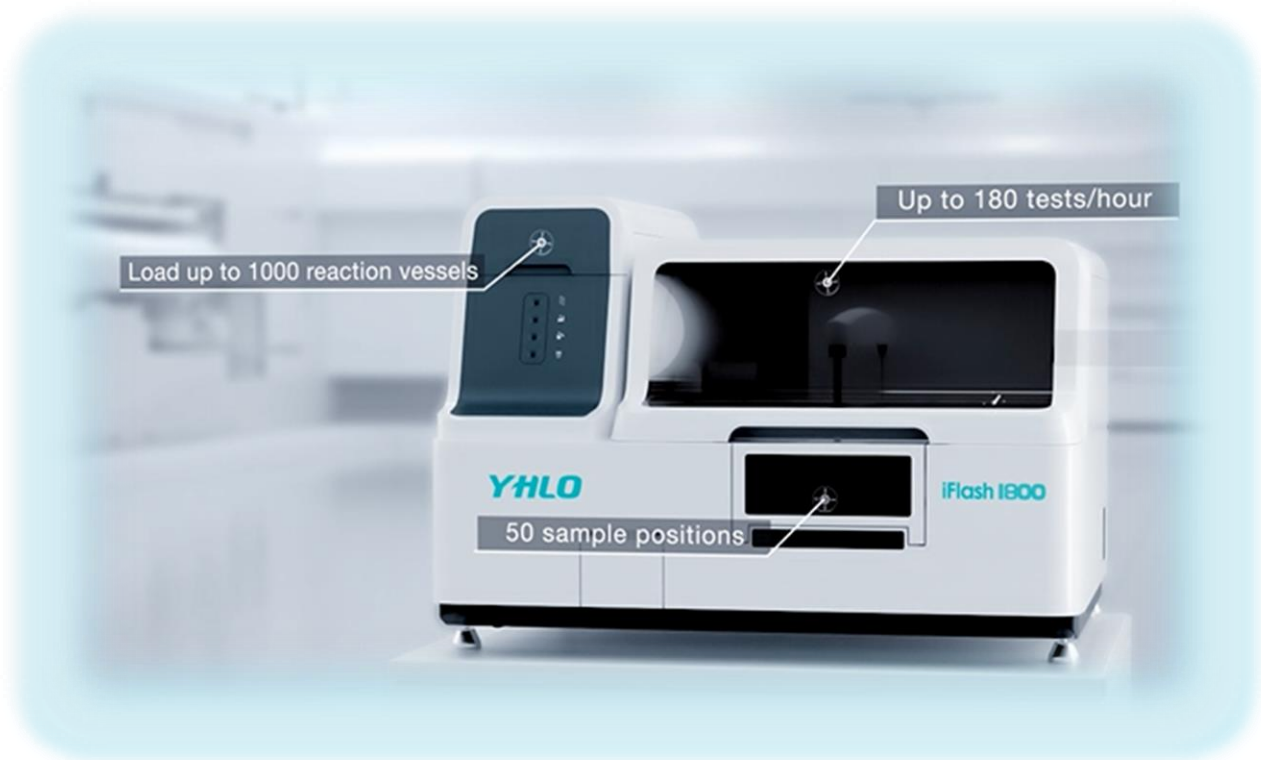
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Introduction

Automation is the strategy to be chosen by the Lab Manager in order to achieve for her lab the predefined levels of Lab Efficiency, Lab Productivity, Lab Quality and Lab Cost Reduction.



Who We Are?

Pure Diagnostics is an **Egyptian Company** founded in 2017 supplying high quality **medical products and medical services** that are suitable for customers and medical institutions.



Our Team

We always strive to provide services to meet the needs of our customers to the fullest with accuracy and efficiency, **whether in terms of technology, service and after-sales service** necessary to satisfy our customers. This is our main goal, which we strive to achieve.

Honesty is our means



Products

The company provides automatic laboratory devices that are characterized by accuracy, speed and ease of use.



Chemiluminescence Immunoassay Analyzer (**CLIA**)



iFlash 1800

iFlash 1800 is a bench-top solution tailored for clinical labs. With less outsourced samples, improved in-house controlled quality and higher throughput, iFlash 1800 has achieved better efficiency and reliability.



Specifications

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 Supply System	
Sample position	5 samples per rack, 50 sample positions with STAT function
Sample volume	5 μ L~150 μ L
Reaction vessels loader capacity	1000 reaction vessels reserve for continuous loading
Reagent System	
Reagent position	20 positions with onboard refrigeration
Reagent carousel temperature	2-8 °C
Reagent detection	Reagent level tracking
Reagent pack	2*50 tests per kit
Auto dilution	Maximum of 1:400
Reaction Carousel	
Capacity	75 reaction vessels
Incubation temperature	37.0°C \pm 0.3°C, with a fluctuation of 0.1 °C
Mixing system	Non-contact eccentric vortex mixer
Magnetic Separation System	
Washing method	4-step magnetic separation
Temperature	37.0°C \pm 0.3 °C, with a fluctuation of 0.1 °C
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	103 cm (L) \times 75 cm (W) \times 71 cm (H)
Weight	150 kg

iFlash 1200

iFlash 1200 is the newly-joined member of the iFlash family, offering an unparalleled workstation to the low-mid volume testing laboratories, especially with limited floor space. Like the other members of the iFlash family, it shares the same product assortment.



Specifications

General Information	
Throughput	Up to 120 tests/hour
Time to first result	13mins
Detection Principle	Magnetic particle-based direct Chemiluminescence
Chemiluminescence Label	Acridinium Ester
Test Method	Sandwich, competitive, indirect
Sample Supply System	
Sample position	16 sample positions with STAT function
Sample tube	Microcup and blood collecting tube
Sample volume	5uL~150uL
Reaction vessels loader capacity	500 pcs, allows continuous loading
Reagent System	
Reagent position	15 reagent positions with on-board refrigeration
Reagent carousel temperature	2-8°C
Reagent detection	Reagent level tracking
Reagent pack	100 tests/kit
Auto dilution	Maximum of 1: 400 (for valid test)
Reaction Carousel	
Capacity	48 reaction vessels
Incubation temperature	37.0°C±0.3°C
Mixing system	Non-contact vortex mixer
Operating Conditions	
Power supply	100~240 V, 50/60Hz
Power consumption	600VA
Temperature	10~30°C
Ambient humidity	20%~85%RH (without condensation)
Atmospheric pressure	61.6kPa~106.0 kPa
Dimensions	930(W)x710(D)x650(H)mm
Weight	120KG

iFlash 3000

iFlash 3000 is designed not only for the fundamental needs of large laboratories, but also to improve efficiency, productivity and quality. To meet higher test demands, **iFlash 3000** can be upgraded to up to 4 units integration.



Specifications

General Information	
Throughput	Up to 300 tests/hour
Fastest time to first result	12 minutes
Detection principle	Magnetic particle-based direct chemiluminescence
Chemiluminescence label	Acridinium Ester
Sample/reagent probe	Two dedicated probes, horizontal and vertical collision protection
Auto-detection function	Liquid level, bubble, clot detection
Sample Supply System	
Sample position	5 samples per rack, 140 sample positions including 15 STAT positions
Sample delivery system	Continuous sample loading with robotic transfer
Sample volume	5uL~150uL
Reaction vessels loader capacity	2000 reaction vessel reserve for continuous loading
Reagent System	
Reagent position	30 positions with built-in refrigeration
Reagent carousel temperature	2-8 °C
Reagent detection	Reagent level tracking
Reagent pack	2x50 tests per kit
Auto dilution	Maximum of 1:400
Reaction Carousel	
Capacity	230 reaction vessels
Incubation temperature	37.0°C±0.3 °C, with a fluctuation of 0.1 °C
Mixing system	Non-contact eccentric vortex mixer
Magnetic Separation System	
Washing method	4-step magnetic separation
Temperature	37.0°C±0.3°C, with a fluctuation of 0.1°C
Operating Conditions	
Power supply	100~240 V, 50/60 Hz
Power consumption	2200 VA
Temperature	10~30°C
Ambient humidity	20% - 70% RH
Atmospheric pressure	75~106 KPa
Physical dimensions	147cm (L) × 95cm (W) × 141cm (H)
Weight	387 kg

Panel Sheet for iFlash

iFlash Test Panels

Main Stream Hormonology	Reproductive Health	Autoimmunity	Infection
<p>Thyroid TSH Anti-TPO Anti-TSHR Tg Anti-Tg FT3 FT4 T3 T4</p> <p>Tumor Markers PG I PG II AFP CEA CA 125 CA 15-3 CA 19-9 Free PSA Total PSA CYFRA 21-1 NSE</p> <p>Anemia Ferritin Folate Vitamin B12</p> <p>Cardiac Markers CK-MB Myoglobin Troponin-I BNP D-Dimer **</p> <p>Bone Metabolism 25-OH Vitamin D PTH</p> <p>Metabolism Insulin C-Peptide Cortisol ACTH Adiponectin</p> <p>Liver Fibrosis HA PIIIPN-P Col IV Laminin</p>	<p>Fertility AMH Inhibin B Inhibin A LH FSH HCG Prolactin DHEA-S Unconjugated Estriol E2 PAPP-A free βHCG Progesterone Testosterone</p> <p>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</p> <p>Anti-Phospholipid Syndrome Anti-Cardiolipin Cardiolipin IgM Cardiolipin IgG Cardiolipin IgA Anti-β2-Glycoprotein I β 2-Glycoprotein I IgM β 2-Glycoprotein I IgG β 2-Glycoprotein I IgA</p>	<p>Rheumatoid Arthritis Anti-CCP RF IgG RF IgM RF RA33 IgG</p> <p>Connective Tissue Disease ANA dsDNA IgG Sm IgG SS-A IgG SS-B IgG Scl-70 IgG Jo-1 IgG RNP70 IgG</p> <p>Autoimmune Liver SMA IgG AMA-M2</p> <p>Vasculitis Diagnostics PR3 IgG GBM IgG MPO IgG</p> <p>Autoimmune Diabetes IA-2A IAA GADA ICA ZnT8A</p> <p>Celiac Disease tTg IgA ** tTg IgG ** DGP IgA ** DGP IgG **</p>	<p>EBV EB VCA IgG EB VCA IgM EB VCA IgA EB EA IgM EB NA IgG EB NA IgA</p> <p>Respiratory Disease Mycoplasma pn. IgG Mycoplasma pn. IgM Chlamydia pn. IgG Chlamydia pn. IgM</p> <p>Blood Bank Anti-TP (Syphilis) Anti-HCV * HBsAg * Anti-HBs * HBeAg * Anti-HBe * Anti-HBc * HIV Combo *</p> <p>Inflammation PCT IL-6 **</p> <p>NEW SARS-CoV-2 2019-nCoV IgM 2019-nCoV IgG 2019-nCoV IgA * 2019-nCoV Ag 2019-nCoV NAb SARS CoV-2 IgG-S</p>

* Without CE
** Coming Soon



UNICELL-S IMMUNOFLUORESCENCE ANALYZER



UNICELL-S Immunoassay Analyzer is a quantitative system which can accurately read and analyze the test results of the Fast Test Kits. It can perfectly diagnose cardiovascular diseases, kidney disease, diabetes and coronavirus, etc.

Specifications

Assay Principle	Fluorescence Immunochromatography
Assay result	Quantitative
Test Mode	Standard, instant, batch
Sample type	Serum, plasma, whole blood
Incubation time	3-15 minutes
Result Transmission	LIS/USB/RS232
Result output	Built-in thermal printer
Memory	>10000 tests
Display	7" touch Screen
Power	220V, 50-60HZ
Size	306cm (L) X 215cm (W) X 160cm (H)
Weight	2.4kg

Panel Sheet for UNICELL-S

Test Panel

Cardiac Markers	Inflammation	Hormone	Diabetes
cTnI/CK-MB/Myo	PCT/CRP	AMH	HbA1c
cTnI	PCT	Inhibin B	
CK-MB	CRP		
Myo			
NT-proBNP			
D-Dimer			

