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Reason: MoldSign Signature
Location: Moldova
MOLDOVA EUROPEANĂ

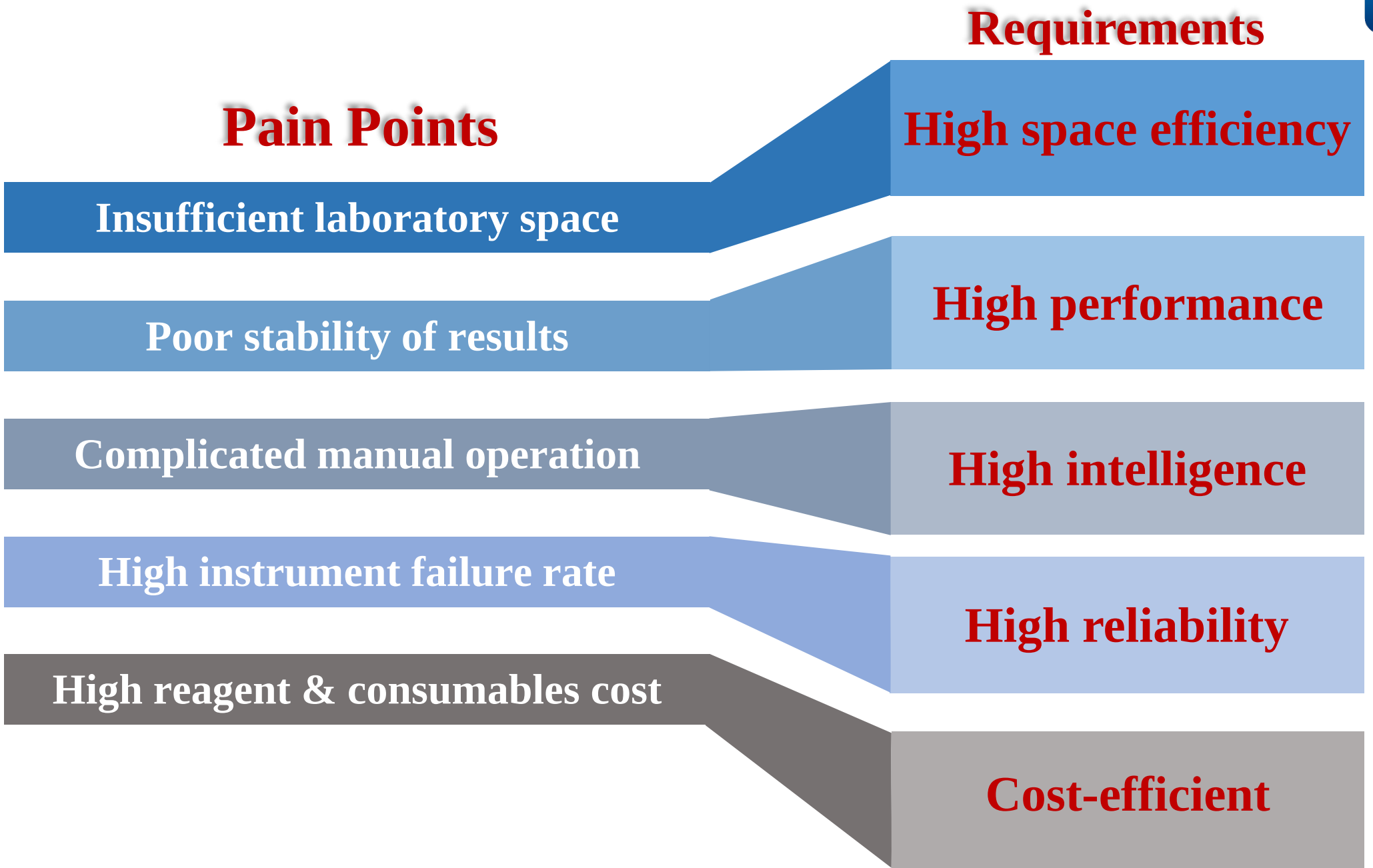
200T/H

MAGLUMI® X3

Fully-Automated CLIA Analyzer

Save Your Space Without Compromise

For 26 Years, We Know Users' Pain Points



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MAGLUMI® X3

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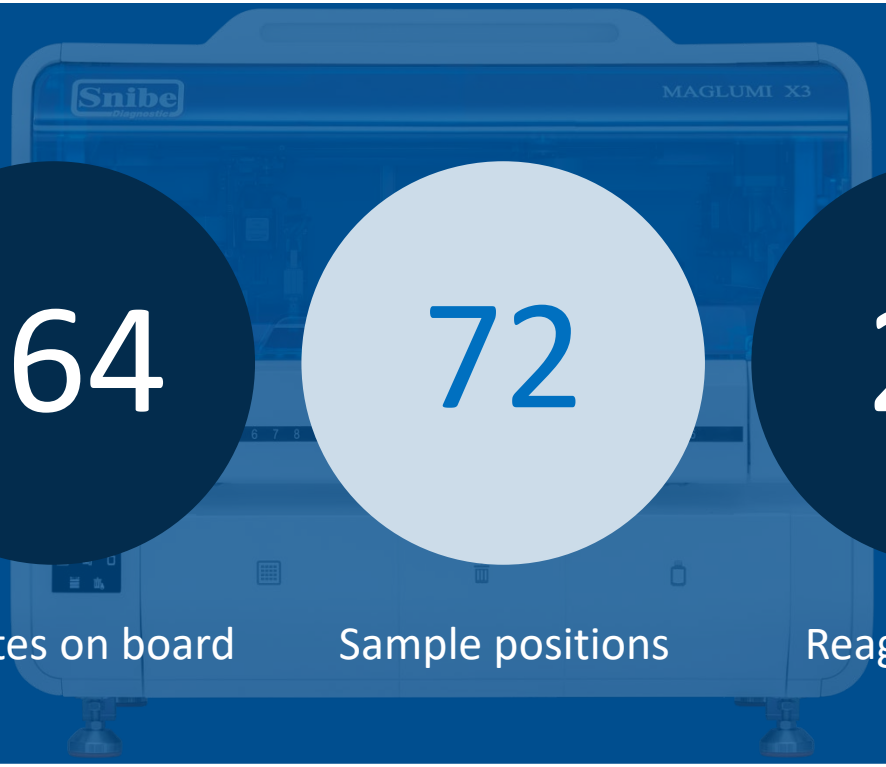
02 Top 10 Highlights of X3

03 X3 Parameters and Comparison

PART 1

MAGLUMI® X3
General Specification

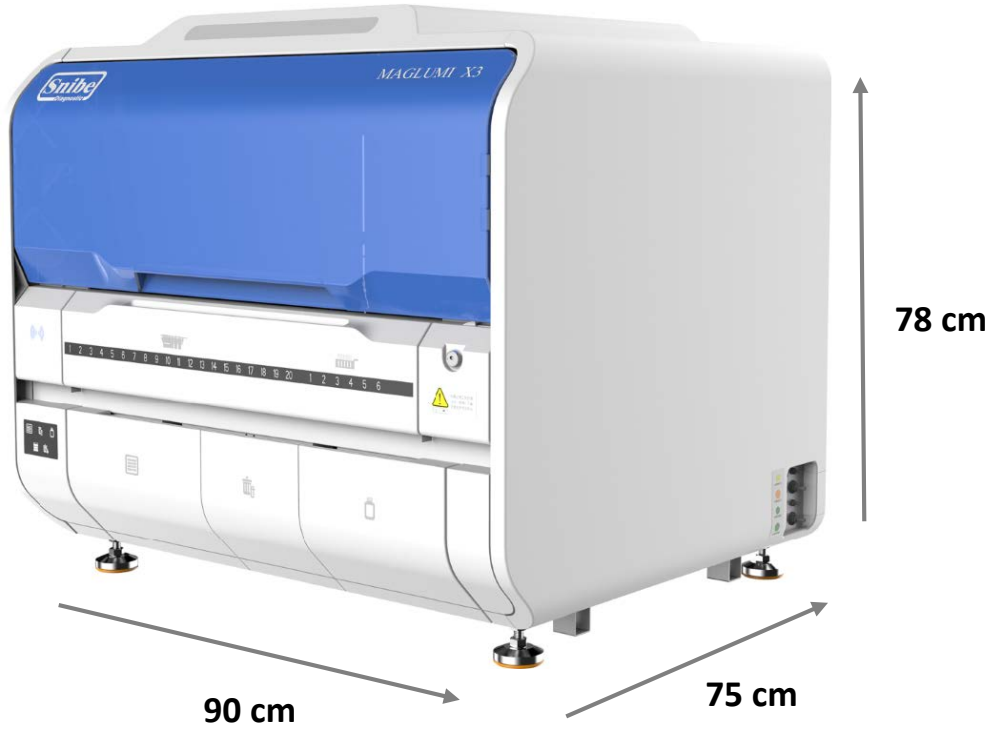
MAGLUMI® X3 General Specification



200	364	72	20	211
Throughput Per hour	Cuvettes on board	Sample positions	Reagent positions	Test parameters (More are coming)

Suitable for small to medium-size labs or hospitals.

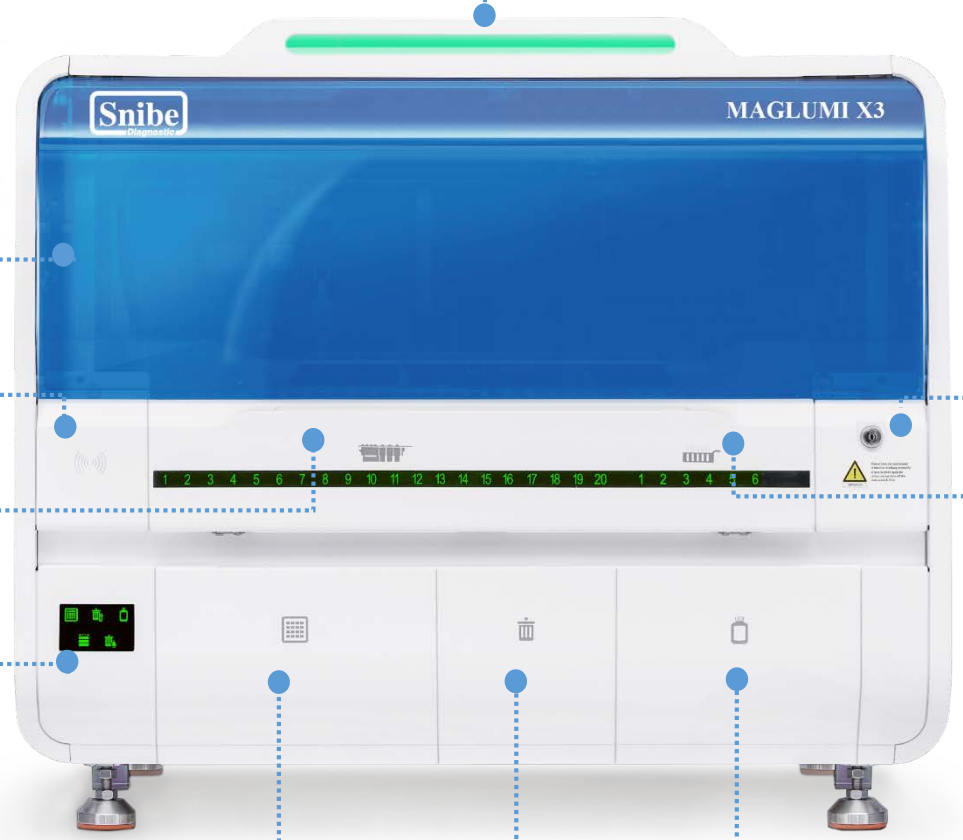
MAGLUMI® X3 General Specification



- Throughput: 200 tests/h
- On board capability: 72 samples
- Reagent position: 20
- Incubation position: 80 tests (single cup design)
- Reaction cup loading in one time : up to 364
- Continue to use **MAGLUMI®** reagent kits (211 parameters)
- No-pause Samples/Reagents/Reaction Cup loading/unloading

MAGLUMI® X3 Functional Modules

The front of X3



MAGLUMI® X3 Functional Modules

The side of X3

MAGLUMI® X3 Imported Components

Key components are purchased from top global suppliers

Bürkert --Germany

2-Way Valve of Diluter

HAMAMATSU--Japan

Photomultiplier PMT

IDEX--US

Diluter Pump of Pipettor

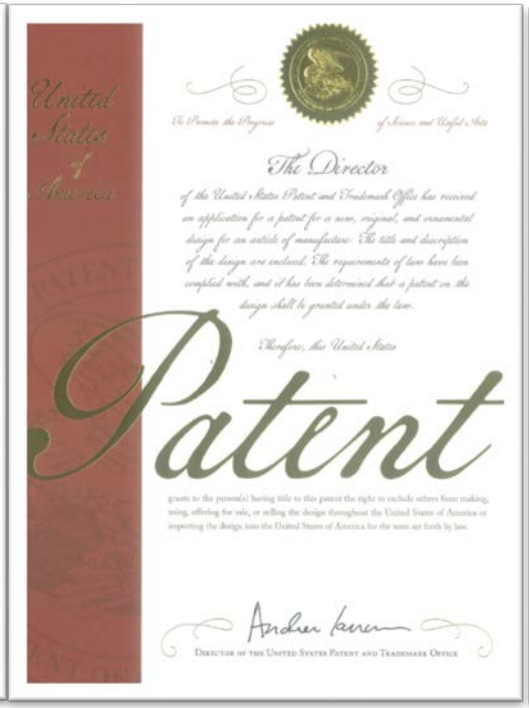
MAGLUMI® X3 Patented Technology

Over 80 global patent layout (56 licensed), dotted with the latest technology

China Patent Certification

Japan Patent Certification

Germany Patent Certification



America Patent Certification

Europe Patent Certification

MAGLUMI® X3 Consumables Comparison

Cuvette

MAGLUMI® X3/X8
Reaction cup

MAGLUMI® 600/800/1000/2000/2000P/4000P
Reaction Module

MAGLUMI® X3 Consumables Comparison

Common consumables

Light Check

Starter 1+2

Wash Concentrate

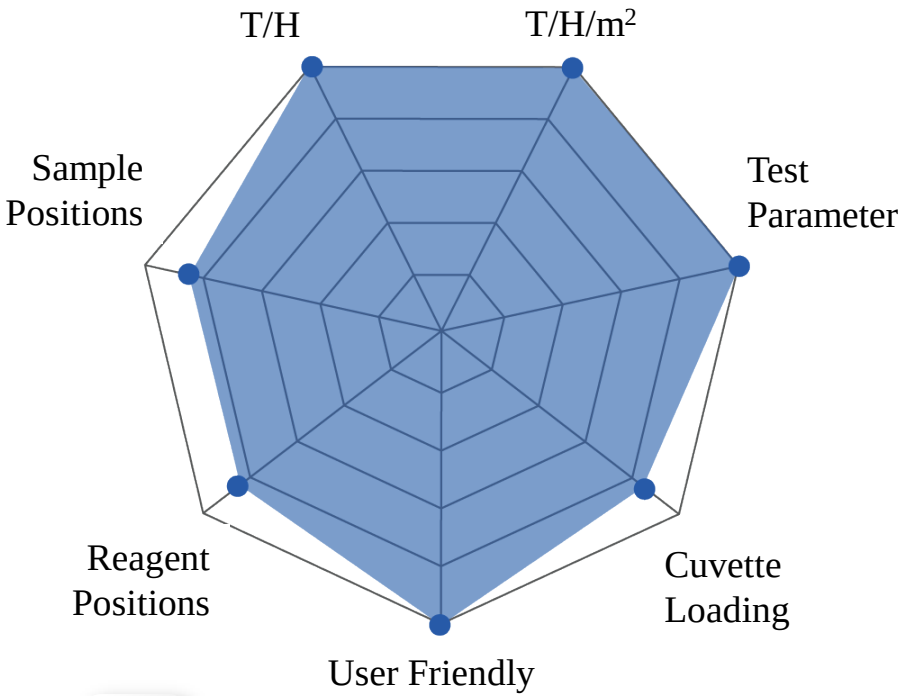
System Tubing Cleaning Solution

PART 2

Top 10 Highlights of MAGLUMI® X3

Why Choose MAGLUMI® X3

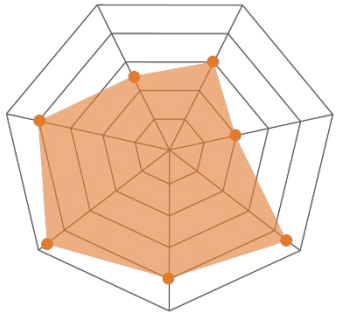
MAGLUMI® X3

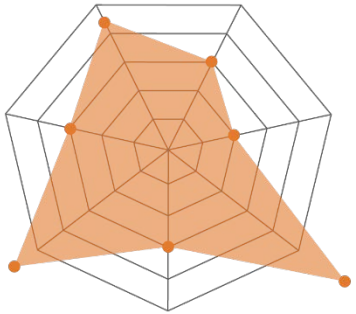


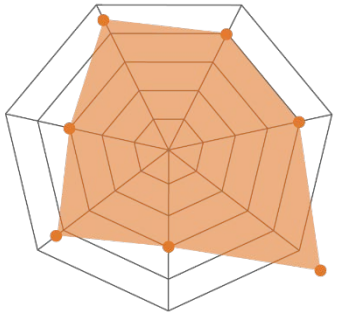
ABS

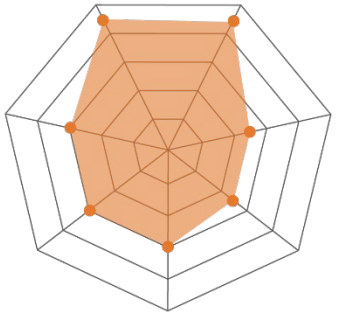
All Balanced and Strong!

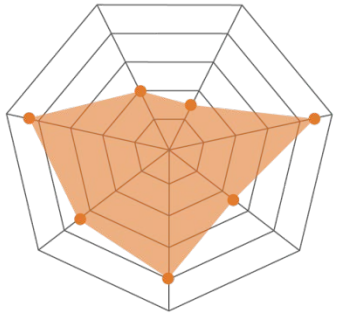
Other Brand Analyzers

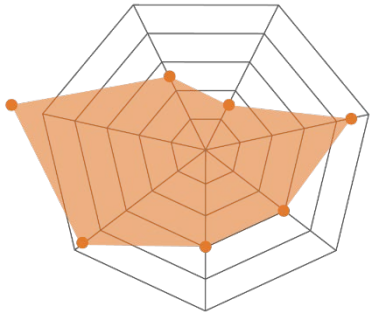

Analyzer A

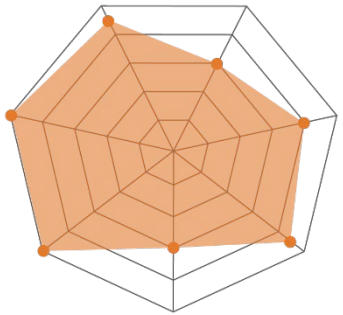

Analzyer B

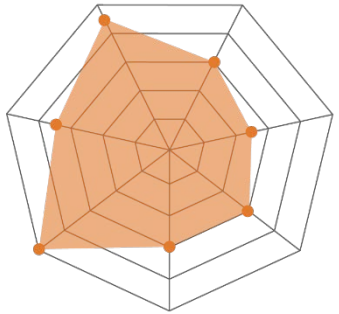

Analzyer C


Analzyer D


Analzyer E


Analzyer F


Analzyer G


Analzyer H

Highlight 1 of MAGLUMI® X3

High Space Efficiency

Machine Comparison

Small

Microwave oven

50*37*28 cm

MAGLUMI® X3

90*75*78 cm

200 T/H ! Up to 294 T/H/m²

Analyzer A

155*122*125 cm

200 T/H, 106 T/H/m²

Analyzer B

156*95*170 cm

200 T/H, 135 T/H/m²

With the same throughput of 200 T/H, MAGLUMI® X3 has a smaller size and a higher space efficiency, which is up to 294 T/H/m²

Highlight 2 of MAGLUMI® X3

One of the broadest CLIA test menu

MAGLUMI® Test Menu

211 Parameters **151** Countries **25000** Units Globally

Thyroid
TSH (3rd Generation) FDA
T4 FDA
T3 FDA
FT4 FDA
FT3 FDA
Tg (Thyroglobulin)
TGA (Anti-Tg)
Anti-TPO
TRAb
TMA
Rev T3
T-Uptake

Prenatal Screening
AFP (Prenatal Screening)
free β-HCG
PAPP-A
free Estriol

Anemia
Vitamin B12
Ferritin
Folate (FA)
EPO
RBC Folate

Glyco Metabolism
C-Peptide
Insulin
GAD 65
Anti-IA2
ICA
IAA (Anti Insulin)
Proinsulin
*Glucagon
*ZnT8

Fertility
FSH
LH
HCG/β-HCG FDA
PRL (Prolactin)
Estradiol
Testosterone
free Testosterone
DHEA-S
Progesterone
free Estriol
17-OH Progesterone
AMH
SHBG
Androstenedione
PlGF NEW
sFlt-1 NEW

TORCH
Toxo IgG
Toxo IgM
Rubella IgG
Rubella IgM
CMV IgG
CMV IgM
HSV-1/2 IgG
HSV-1/2 IgM
HSV-1 IgG
HSV-2 IgG
*HSV-2 IgM
*HSV-1 IgM
*Toxo IgG Avidity
*CMV IgG Avidity

Veterinary Testing
*cTSH
*cTT4
*vFT4

Cardiac
CK-MB
Troponin I
Myoglobin
hs-cTnI
hs-CRP NEW
H-FABP
NT-proBNP
BNP
D-Dimer
Lp-PLA2
MPO
*HCY
*hs-cTnI STAT-X™
*NT-proBNP STAT-X™
*Myogobin STAT-X™
*D-dimer STAT-X™

Coagulation Markers
D-Dimer
*TAT
*TM
*PIC
*tPAIC

Hypertension
Direct Renin
Aldosterone
Angiotensin I
Angiotensin II
Cortisol
ACTH

Inflammation Monitoring
CRP
PCT (Procalcitonin)
IL-6 (Interleukin 6)
SAA (Serum Amyloid A)
*PCT STAT-X™
*CRP STAT-X™
*TNF-α

STAT-X™
*hs-cTnI STAT-X™
*NT-proBNP STAT-X™
*Myogobin STAT-X™
*D-dimer STAT-X™
*PCT STAT-X™
*CRP STAT-X™

Tumor Markers
AFP
CEA
Total PSA
f-PSA
CA 125
CA 15-3
CA 19-9
PAP
CA 50
CYFRA 21-1
CA 242
CA 72-4
NSE
S-100
SCCA
TPA-snibe
ProGRP
HE4
HER-2
PIVKA-II

Metabolism
Pepsinogen I
Pepsinogen II
Gastrin-17
GH (hGH)
IGF-I
IGFBP-3

Autoimmune
Anti-CCP
Anti-dsDNA IgG
ANA Screen
ENA Screen
Anti-Sm IgG
Anti-Rib-P IgG
Anti-Scl-70 IgG
Anti-Centromeres IgG
Anti-Jo-1 IgG
Anti-M2-3E IgG
Anti-Histones IgG
Anti-nRNP/Sm IgG
Anti-SS-B IgG
Anti-SS-A IgG
TGA(Anti-Tg)
Anti-TPO
TRAb
TMA
ICA
IAA(Anti Insulin)
GAD 65
Anti-IA2
*ZnT8
Anti-MPO IgG
*Anti-PR3 IgG
*Anti-GBM IgG
*Anti-Cardiolipin IgG
*Anti-Cardiolipin IgM
*Anti-Cardiolipin IgA
*Anti-Cardiolipin screen
*β2-Glycoprotein I IgG
*β2-Glycoprotein I IgM
*β2-Glycoprotein I IgA
*β2-Glycoprotein I screen
*Anti-tTG IgA
*Anti-tTG IgG
*DGP IgA
*DGP IgG

Infectious Disease
HBsAg
Anti-HBs
HBeAg
Anti-HBe
Anti-HBc
Anti-HBc IgM
Anti-HCV
Syphilis
Anti-HAV
HAV IgM
*HEV IgG
*HEV IgM
HIV Ab/Ag Combi
Chagas
HTLV I+II
H.pylori IgG
H.pylori IgA
H.pylori IgM
2019-nCoV IgG
2019-nCoV IgM
SARS-CoV-2 S-RBD IgG
SARS-CoV-2 Neutralizing Antibody
SARS-CoV-2 Ag
Monkeypox Virus Ag NEW
Dengue Virus IgG NEW
Dengue Virus NS1 NEW
*Dengue Virus IgM
**Chlamydia Pneumoniae* IgG
**Chlamydia Pneumoniae* IgM
**Mycoplasma Pneumoniae* IgG
**Mycoplasma Pneumoniae* IgM

EBV
EBV EA IgG
EBV EA IgA
EBV VCA IgG
EBV VCA IgM
EBV VCA IgA
EBV NA IgG
EBV NA IgA

Hepatic Fibrosis
HA
PIIIP N-P
C IV
Laminin
Cholyglycine
*GP73

Bone Metabolism
Calcitonin
Osteocalcin
25-OH Vitamin D FDA
Intact PTH
β-CTx
total P1NP

Drug Monitoring
Digoxin
CSA (Cyclosporine A)
FK 506 (Tacrolimus)

Immunoglobulins
IgM
IgA
IgE
IgG

Kidney Function
$β_2$-MG
Albumin
*NGAL

* Available soon

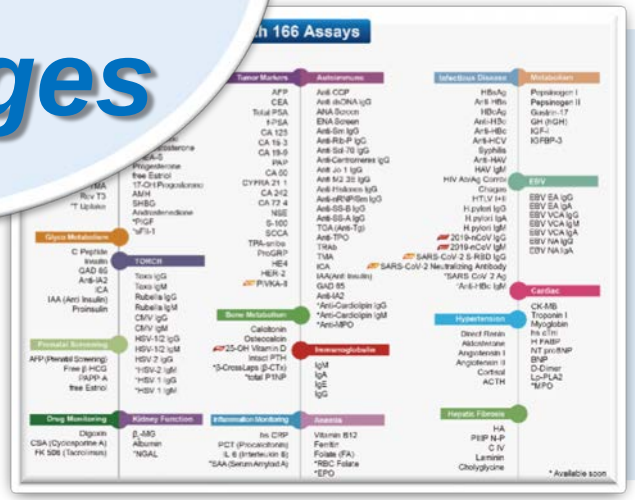
Why Choose MAGLUMI® X3

Snibe Diagnostic

Combination of Two Advantages

One of the Highest Space Efficiency CLIA Analyzer –

200 T/H, area＜0.68 m²



One of the Broadest Automated CLIA Test Menu –

211 Parameters

Highlight 3 of MAGLUMI® X3

Reagent kits are compatible with all models

- **Continue to use MAGLUMI® reagent kits** with perfect compatibility
- No worries for the problem of reagent registration

MAGLUMI® 2000 Plus

MAGLUMI® 600

MAGLUMI® 800

New

MAGLUMI® X3

MAGLUMI® X8

MAGLUMI® 4000 Plus

MAGLUMI® 1000

MAGLUMI® 2000

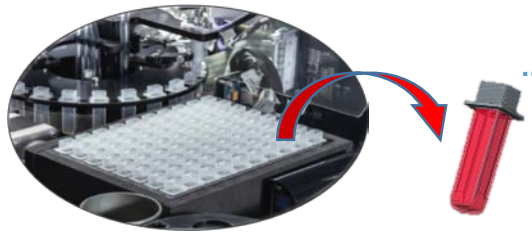
- Other company's reagent kits may not compatible with all of their instruments.

Highlight 4 of MAGLUMI® X3

High-tech components create excellent performance

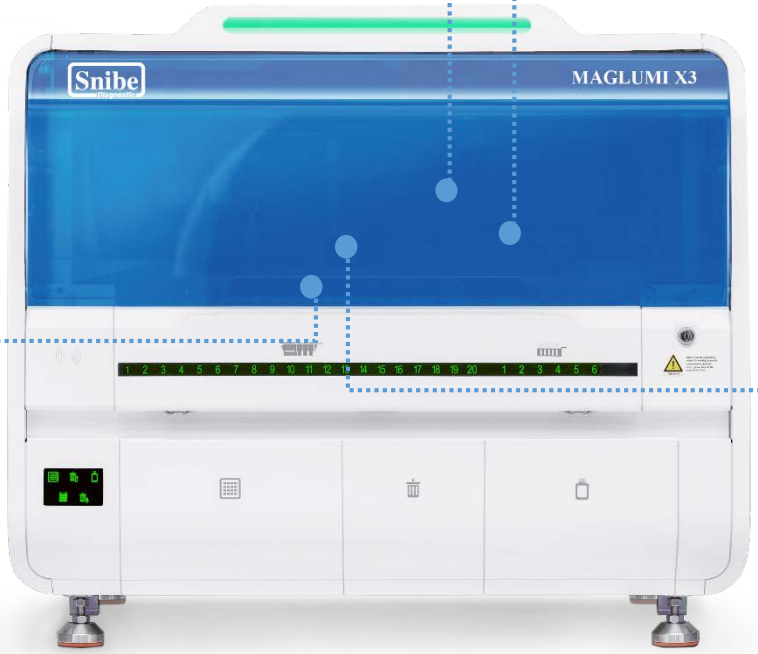
Single Needle Design, Coated with Teflon

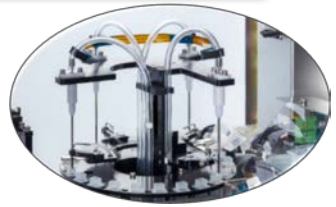
- An independent washing unit for the needle, with different washing modes depending on different assay, to avoid carryover (≤10^{-5})
- Liquid level /clot/ crash detection



Accurate Incubation Technology

- Single cup design with five-sided heating at 37±0.3℃, ensuring accurate, quick and uniform incubation.
- Incubating 80 cuvettes simultaneously
- Non-contact mixing with different modes before incubation, ensuring sufficient reaction.





High-Efficiency Washing Technology

- 4-step independent washing unit, reducing non-specific binding to improves sensitivity
- Three of non-contact mixing units with different mixing modes

Super Stable Measuring Chamber

- PMT with heating and cooling function, ensuring the detection precision
- Independent measuring room, avoiding light cross contamination

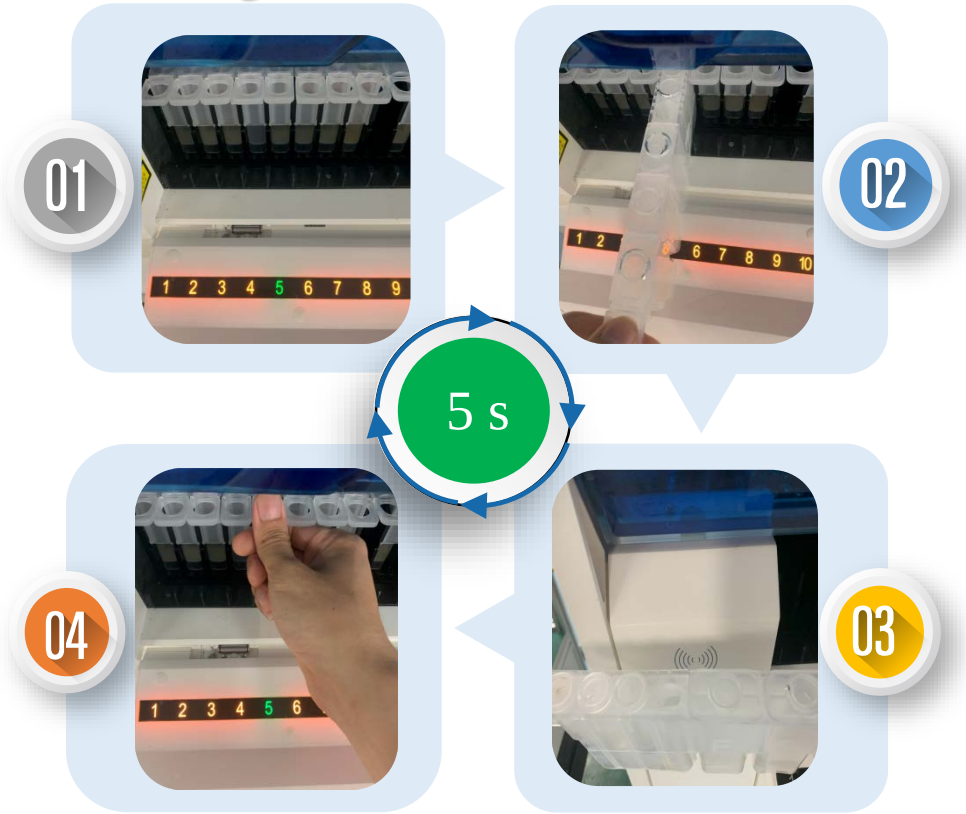
Highlight 5 of MAGLUMI® X3

No-Pause Reagents Loading/Unloading

Without waiting or interrupting tests, the whole process only needs 5 seconds

"Watch"

Check the color of the indicator, no color or green indicates a free position



"Draw out"

Draw out the idle reagent kit

"Insert"

Insert the reagent kit

"Scan"

Scan the reagent label by RFID reader

Highlight 6 of MAGLUMI® X3

No-Pause Samples Loading/Unloading and STAT Mode

Sample area
Sample positions: 72
Sample tracks: 6

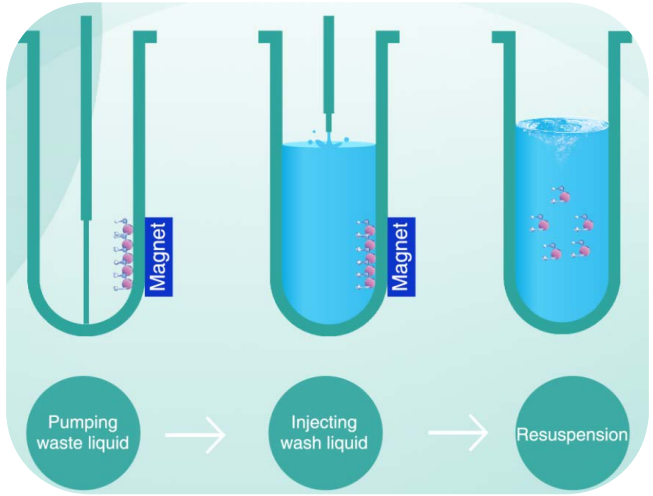
We can draw out the sample tracks when the sampling action is done (the indicator light shows green), and then we can insert the new sample track at any time, to achieve no-pause sample loading/unloading without any waiting or operational interruption.

Samples in each sample track can be defined as STAT and can be tested in priority

Highlight 7 of MAGLUMI® X3

Intelligent Washing function

Magnetic separation and non-contact vortex mixing unit



- Three of non-contact vortex mixing units in washer, with different mixing modes depending on different assays, ensuring a sufficient washing to reduce the non-specific binding.

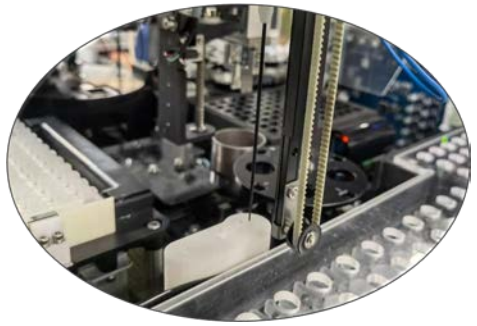
Smart washing machine

Just Like

- Just like a smart washing machine, there are different washing mode, such as DELICATES mode, COTTON mode, WOOL mode or others. Choose different modes according to what clothes you want to wash.

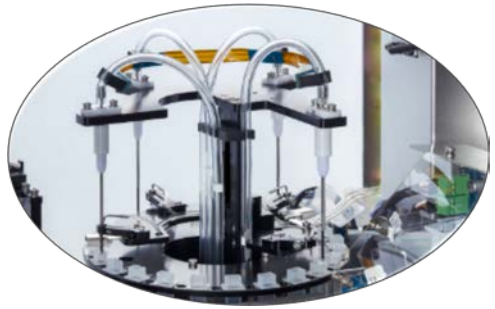
Highlight 7 of MAGLUMI® X3

Intelligent Washing function



Sampling needle washing

- One independent washing unit for the sampling needle, with different washing modes depending on different assays.

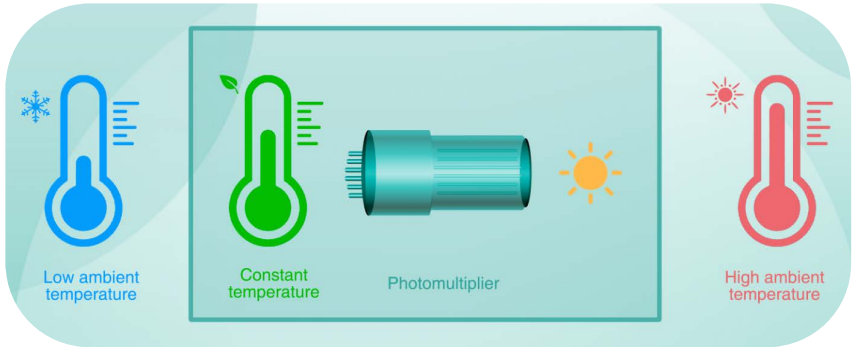


Waste needle washing

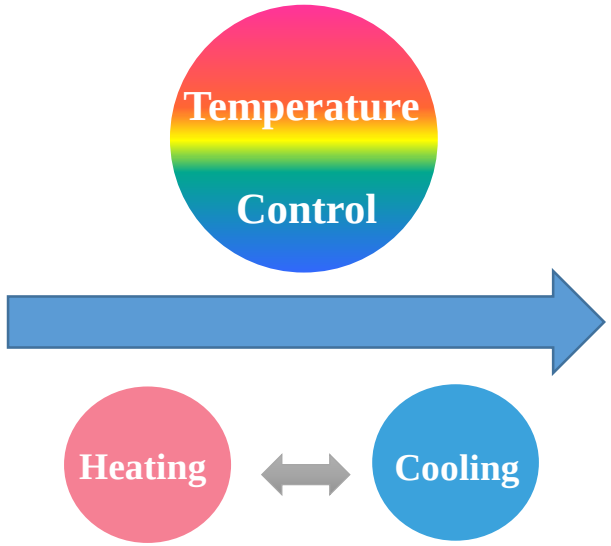
- Four-step independent washing unit, reducing non specific binding to improves sensitivity

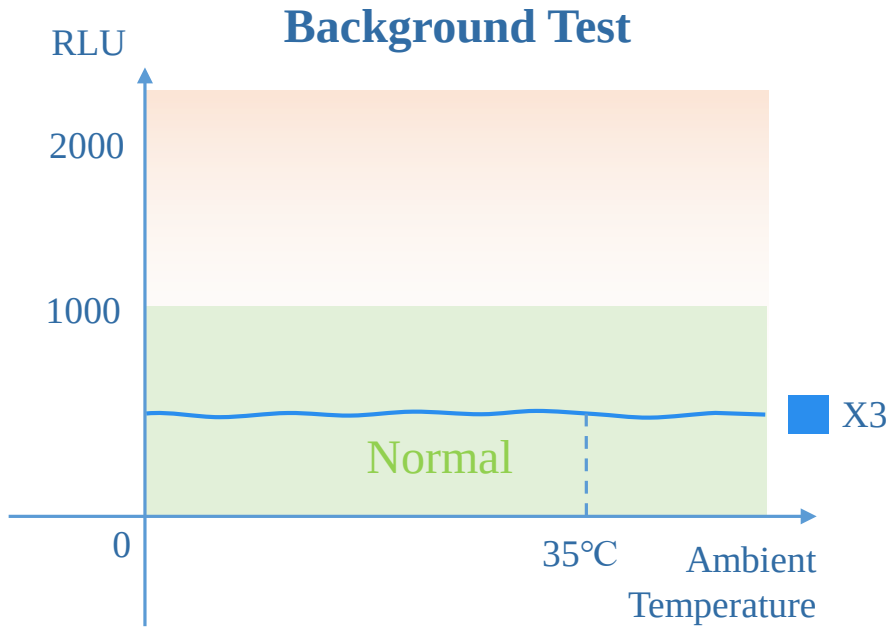
Highlight 8 of MAGLUMI® X3

Super Sensitive and Stable Measuring Chamber



Bidirectional Temperature Control Technology

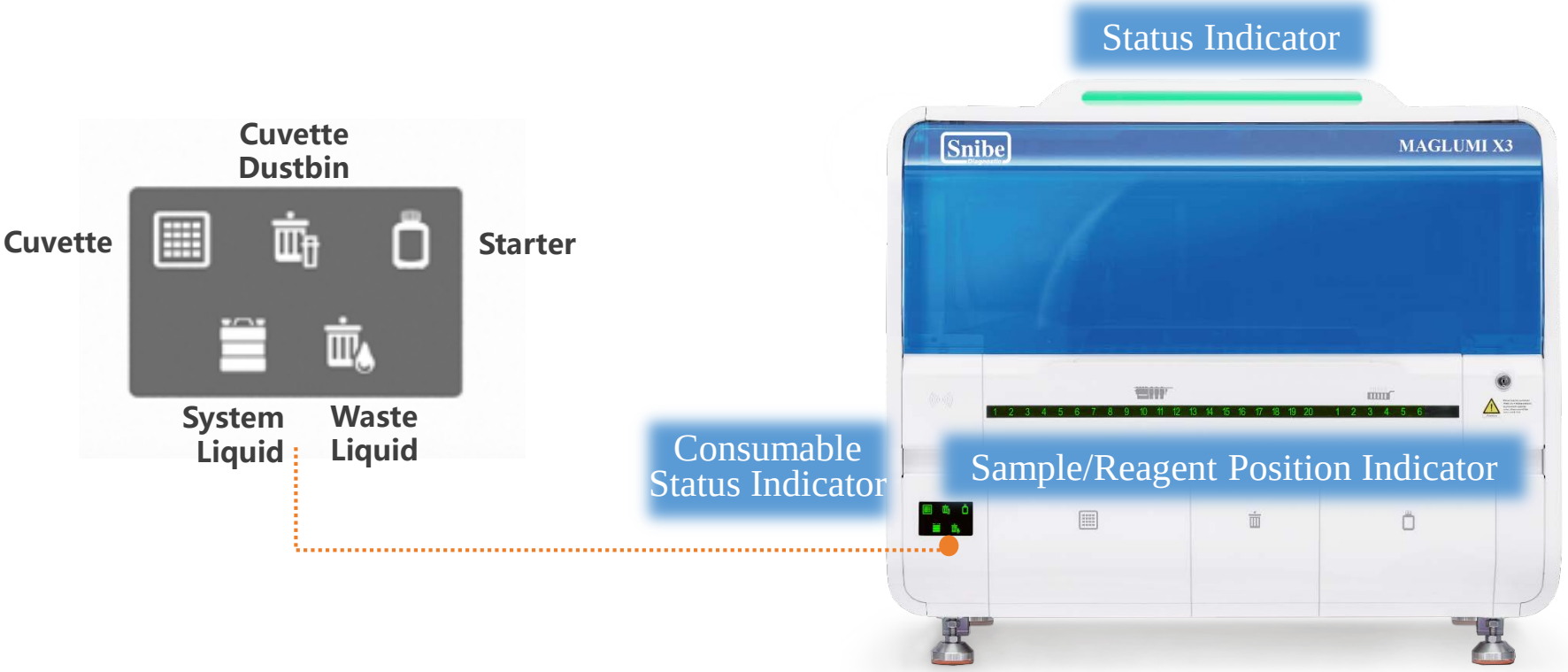




- Automatic temperature control to keep a stable background value, not affected by ambient temperature, to ensure the accuracy of measurement results.

Highlight 9 of MAGLUMI® X3

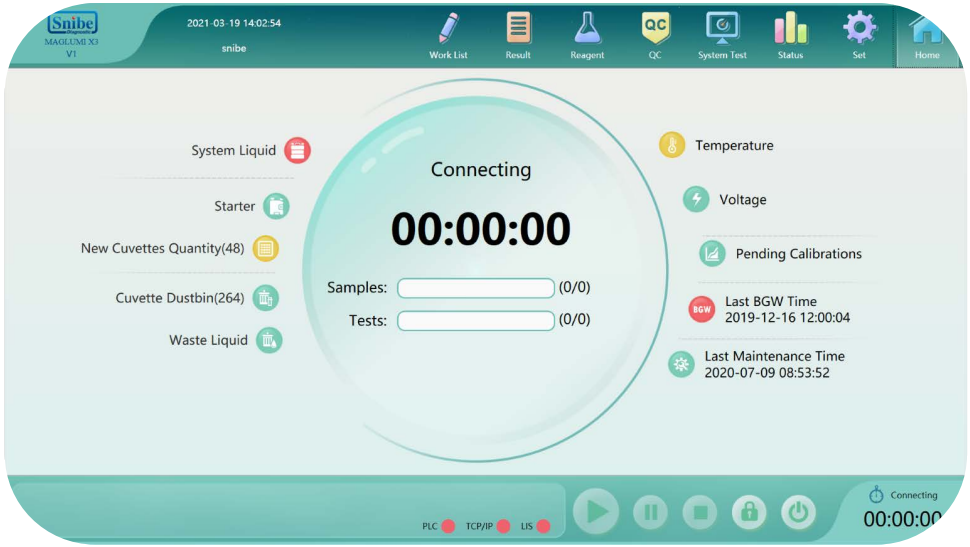
Convenient Management of Analyzer Status



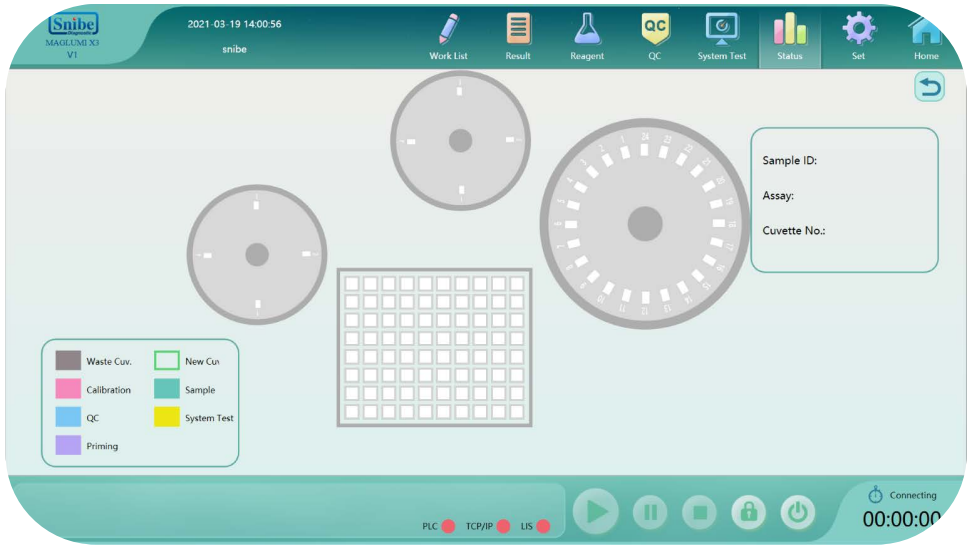
- The user no need to stay with the analyzer and focus on the monitor.
- You can know the status by looking the analyzer from a distance!

Highlight 10 of MAGLUMI® X3

Intelligent UI interface



New user-friendly UI interface



Real-time display for monitoring each test procedure, reagent and consumable quantities

Top 10 Highlights of MAGLUMI® X3

1. One of the highest space efficiency CLIA analyzer, up to 294 T/H/m^2
2. One of the broadest CLIA test menu
3. Continue to use **MAGLUMI®** reagent kits with perfect compatibility
4. High-tech components with excellent performance
5. User-friendly design: support no-pause reagents loading/unloading. The whole process of adding reagent only needs 5 seconds

Top 10 Highlights of MAGLUMI® X3

6 Support no-pause samples loading/unloading and STAT mode

7 Intelligent washing function: different mixing modes and washing modes depending on different assays

8 Bidirectional temperature control technology in measuring chamber, to ensure the accuracy of measurement results

9 Intuitive indicator lights make no need to check reagents and consumables frequently.

10 Intelligent UI interface, user-friendly, easy and convenient operation.

PART 3

X3 Parameters and Comparison

Differences between X3 and previous MAGLUMI® models

Model	MAGLUMI® X3	MAGLUMI® X8	MAGLUMI® 4000 Plus	MAGLUMI® 2000 Plus	MAGLUMI® 2000	MAGLUMI® 800
Analyzer Picture						
Throughput	200 T/H	600 T/H	280 T/H	180 T/H	180 T/H	180 T/H
Reagent positions	20	42	25	25	15	9
Sample positions	72	300	144	144	144	40
Cuvettes on board	364	2912	960	960	720	240
Disposable sample Tips	No	Yes	No	No	No	No
Disposable single reaction cup	Yes	Yes	No	No	No	No
Bidirectional Temperature Control Technology in Chamber	Yes	Yes	No	No	No	No
Consumable status indicator	Yes	Yes	No	No	No	No
Independent vortex mixing mechanism	Yes	Yes	No	No	No	No
Independent cleaning mechanism for waste liquid needle	Yes	Yes	No	No	No	No

Comparison with other brand analyzers

Specification	Snibe MAGLUMI® X3	Roche Cobas e411	Abbott Architect i1000 SR	Siemens ADVIA Centaur CP	BECKMAN Access 2
Throughput	up to 200 tests/hour	up to 86 tests/hour	up to 100 tests/hour	up to 180 tests/hour	up to 100 tests/hour
Throughput/m^2	up to 294 T/H/m^2	up to 71 T/H/m^2	up to 88 T/H/m^2	up to 227 T/H/m^2	up to 65 T/H/m^2
Time to First Result	18	18	29	15	22
Measurement Principle	Flash CLIA	ECLIA	Flash CLIA	Flash CLIA	Glow CLIA
Lumination label	ABEl	$[Ru(bpy)_3]^{2+}$ ruthenium	Acridinium Ester	Acridinium Ester	ALP
Substrate	NaOH, H_2O_2	TPA	NaOH, H_2O_2	NaOH, H_2O_2	AMPPD
Sample Positions	72	30/75	60	84	60
Reagent Positions	20	18	25	15	24
Test Kits	50/100T Free QC and calibrators	100 T	100T	100 T	50 T
Reagent recognize	RFID reader	Barcode reader	Barcode reader	Barcode reader	Barcode reader
Reagent menu parameters	211 parameters, 20 categories 10-20 new assays available every year	105 parameters, 12 category	89 parameters, 13 category	100 parameters, 19 category	54 parameters, 10 categories
Dimension	90* 75*78 cm	120*73*80 cm	124.5*149.9 *76.2 cm	107*81*74 cm	171x 97x 170 cm

Thanks