Test Menu

Thyroid

FT3
FT4
T3
T4
TSH
Anti-TG
Anti-TPO
Tg
rT3
TRAB*

Bone Metabolic

Intact PTH
Calcitonin
Vitamin D total

Infectious Disease

HIV Combo
HBsAg
Anti-HBs
HBeAg
Anti-HBe
Anti-HBc
Anti-HCV
Anti-TP (S. philis)
HBeAg quantitative*
Anti-HBc IgM*

CK-MB
M. oglobin
Troponin I
BNP

Total -HCG
FSH
LH
Prolactin
E2
E3
TESTO
PROG
Free testosterone*
17-OH PROG*
SHBG*
AMH*

CEA
AFP
CA125
CA15-3
CA19-9
FPSA
TPSA
NSE
CYFRA 21-1
CA72-4
PG I
PG II
SCCA
HE4
ProGRP
CA50
CA242

LN
HA
PIIINP
CIV

To.o IgG*
To.o IgM*
Rubella IgG*
Rubella IgM*
CMV IgG*
CMV IgM*
HSV-1/2 IgG*
HSV-1/2 IgM*
HSV-1 IgG*

Technical Specifications

General Information

Throughput	Up to 180 tests/hour
Measurement Principle	Micron superparamagnetic particles platform With alkaline phosphatase (ALP) labeled reagents And AMPPD substrate

Sample Assembly

Sample Feeder	Continuous sample loading and o oading
Sample positions	50
Sample Probe	Steel probe, liquid level detection, clot detection, Hori ontal and vertical collision protection
Sample Volume	10 200ul, ith increment of 1ul
Sample Dilution	Automatic dilution ith 1:2 1:40

Reagent Assembly

Reagent Disk	15 reagent positions, continuous loading, real-time mi.ing for magnetic particles
Cooling S. stem	2 8 C
Reagent Pack	50 tests/pack, 100 tests/pack
Reagent Scanning	Built-in/E.ternal bar code reader
Reagent Probe	Steel probe, liquid level detection, clot detection, Hori ontal and vertical collision protection
Reagent Volume	10 200ul, ith increment of 1ul

Substrate System

Substrate Bottle	300/500 tests per bottle, bottom piercing
Substrate Loading	Capable of continuous loading during testing
Substrate Heating	Constant heating
Aspiration Volume	200ul

Magnetic separation unit

Separation Assembl.	3-phase magnetic separation
Temperature	Accurac. : 37 0.3 C

Measurement and Reaction System

Detection Mode	Photon counting
Signal Detector	Photomultiplier (PMT) photo counter
PMT Calibration	LED reference module
Incubation positions	82
Temperature	Accurac. : 37 0.3 C
Mi.ing Unit	Non-touch vorte.er mi.ing

Cuvette Loading and Waste Collection

Cuvette	Disposable plastic cuvette
Cuvette Loading	88 cuvettes per tra. , 2 tra. s can be loaded in one batch, continuous loading and o oading
Waste collection	Waste container, 200 cuvettes per bo.

Working conditions

Po er Suppl.	100-240V 50/60H
Input Po er	500VA
Operating Temperature	15 30 C
Relative Humidit.	35%RH 85%RH, ithout condensation
Dimension	860mm*740mm*560mm (W*D*H)
Weight	132Kg
Altitude Height	-400m 3000m (70kpa)

CL-960i

Chemiluminescence Immunoassa. s. stem

www.mindray.com

P/N:ENG-CL-960i-210285X6P-20191017

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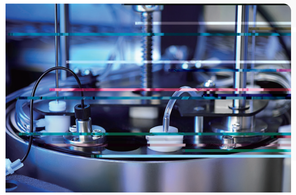
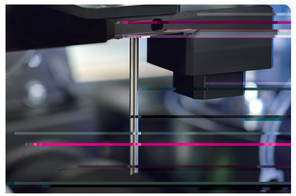
One of the world's smallest, fully automated CLIA analyzers

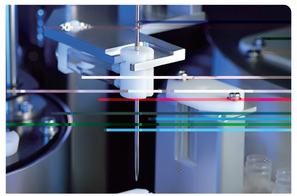
CL-960i The right size for your lab



Precise magnetic separation ith consistent performance reliabilit.



Solid-liquid aste separation Environmental friendl.



Wiper ashing technolog. Enhance e cienc. and minimi e carr.over

Continuousl. loading of reagents and consumables

One-ke. start E.tremel. eas. to use

Intuitive soft are interface Eas. access to all functions

User maintenance free Lighten the orkload

Intelligent consumables management