

Flexibility without compromise



- ◆ Efficient from the Start
- ◆ Maximum Flexibility
- ◆ Prepared for all Eventualities

For effective use
of Lab Resources

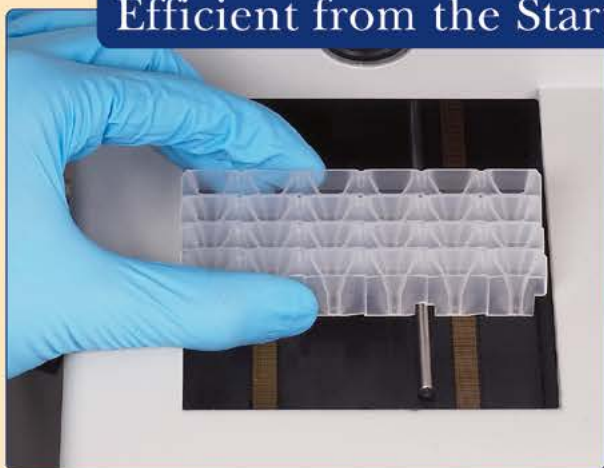
LIAISON®

The **LIAISON®** analyzer combines flexible operating mode with a broad assay menu and leads to high efficiency due to its long walk-away time. The possibility to run up to 15 different assays at a time provides rational everyday testing even for low numbers of samples. Moreover, a throughput of up to 180 determinations per hour allows **LIAISON®** to cope easily with a very high volume of samples. It is easy to use due to its touch-screen monitor, clear software structure and the Reagent Integral which contains all assay-specific reagents.

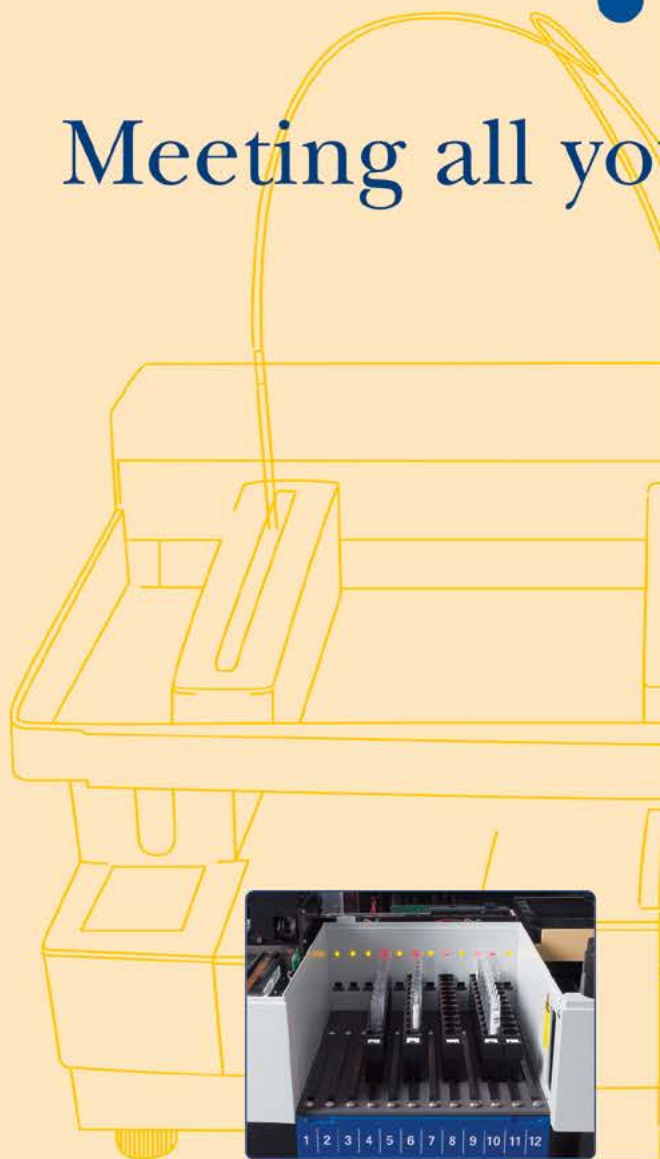
LIAISON

Meeting all your needs

Efficient from the Start



- A stacker holds the reaction modules
- The stacker can hold up to 120 reaction modules or 720 determinations
- Easy reloading even during operation is assured



Maximum Flexibility

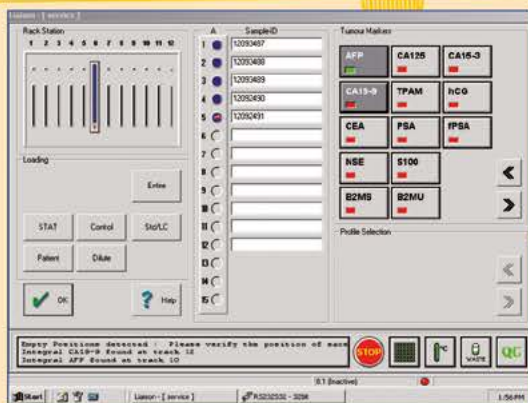
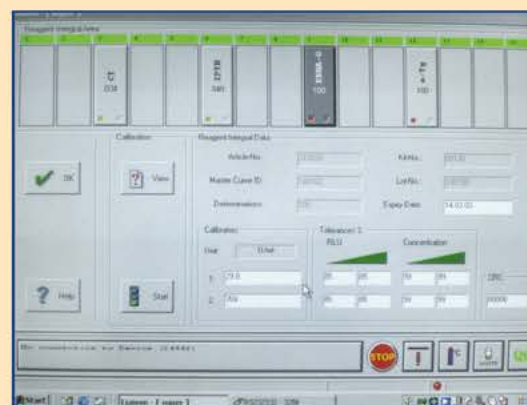


- Random access, STAT or Batch testing modes
- Rack system for loading up to 144 samples
- All common primary tubes accepted in 3 different racks
- Continuous reloading
- Flexible dilution protocol
- Automatic dilution
- Auto reflex testing
- Barcode identification

SON®

ur requirements

LIAISON® work station



System Features

MODES OF OPERATION

- Random Access
- Batch
- STAT function

SAMPLE LOADING

- 144 primary tubes of varying size in racks of 12 samples each
- Continuous reloading

REAGENT LOADING

- 15 assays available, allowing up to 1,500 determinations
- Continuous reloading
- Reagent cooling

REAGENT CONCEPT

- All assay components are provided ready to use in the Reagent Integral
- Super paramagnetic microparticles
- Chemiluminescence

CALIBRATION CONCEPT

- Master curve procedure with 2-point calibration
- Stable calibration for 2 to 6 weeks

PERFORMANCE DATA

- Maximum throughput: 180 tests/hour
- Average throughput: 100-140 tests/hour
- Walk-away time: at least six hours or 720 tests
- Time to first result: 17 mins

FURTHER SYSTEM FEATURES

- Clot detection
- Barcode concept for samples and reagents
- Continuous reagent and liquid inventory
- Variable dilution protocols (assay- or patient-specific)
- Auto reflex testing
- Automatic dilution of high-titre samples
- Constant incubation temperature of 37 °C
- Operation at ambient temperatures between 15 °C and 30 °C

HARDWARE AND SOFTWARE

- IBM-compatible PC
- Colour monitor (touchscreen)

EDP CONNECTION

- Bi-directional connection to host computer (ASTM protocol)

DIMENSIONS

- Width/depth/height: 136x66x63 cm (needs bench top)
- Weight: 95 kg



Reagent integral



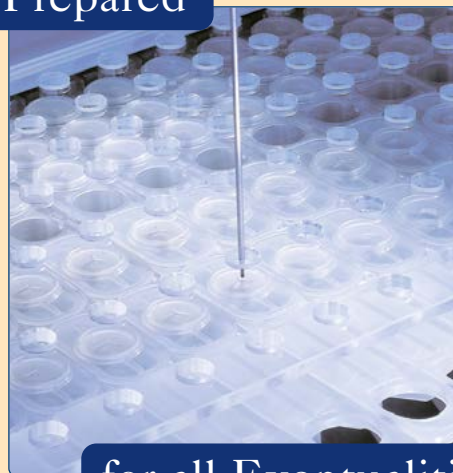
- All components, ready to use in one Integral
- Continuous reloading
- Barcode identification

SON[®]

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Prepared



for all Eventualities

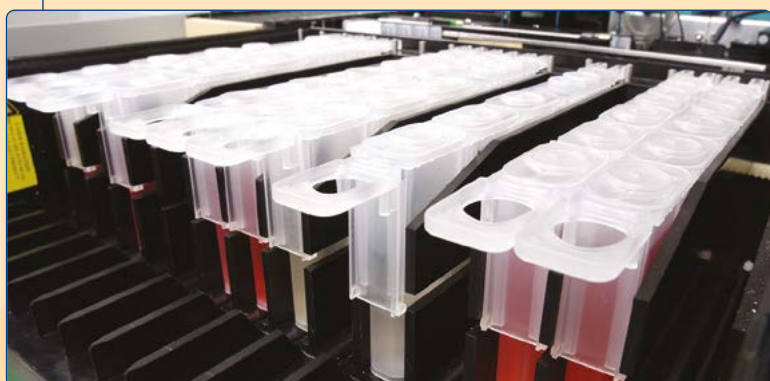
- Wide product menu both for routine and speciality assays
- Ready to use reagent integral
- Up to 15 assays on board
- Continuous reloading
- On board reagent cooling
- Long on board stability
- Master curve with 2-point calibration
- Barcode identification

For effective use



of Lab Resources

- Throughput up to 180 tests/hour
- Long walk-away time
- Short hands-on time
- Short time to first result



Reagent Loading

- All reagents are ready to use
- 15 integrals may be loaded at the same time

The LIAISON® Family Collection

Dedicated to Content



BONE & MINERAL

25-OH Vitamin D TOTAL
N-TACT® PTH Gen II
1-84 PTH
Osteocalcin
BAP OSTASE®
1,25 dihydroxyvitamin D⁽¹⁾
FGF 23
Sclerostin**



THYROID

TSH (3rd Gen.)
Free T3
Free T4
T3
T4
Tg
Tg Gen II**
Tg Gen II Confirmatory**
Anti-Tg
Anti-TPO



REPRODUCTIVE ENDOCRINOLOGY

LH
FSH
Prolactin
Progesterone
Testosterone
Estradiol
hCG/β-hCG
Androstenedione
SHBG



ANAEMIA

Ferritin
Folate**
Vitamin B12**



AUTOIMMUNITY

ANA Screen⁽²⁾
dsDNA⁽²⁾
tTG IgA
ENA Screen⁽²⁾
Cardiolipin IgG⁽²⁾
Cardiolipin IgM⁽²⁾



TUMOUR MARKERS

CEA
Free PSA
Total PSA
CA 15-3®
CA 125 II™
CA 19-9™
TPA®-M
NSE
S100
AFP
hCG/β-hCG
Tg
Tg Gen II**
β2-Microglobulin
TK
Calcitonin



HYPERTENSION

Direct Renin
Aldosterone



ADRENAL FUNCTION

ACTH
Cortisol
DHEA-S



GROWTH

hGH
IGF-I



DIABETES

C-Peptide
Insulin



SEPSIS

BRAHMS PCT® II Gen



VIRAL HEPATITIS AND RETROVIRUSES

Anti-HAV
HAV IgM
HBsAg⁽²⁾
HBsAg Quant⁽¹⁾
HBsAg Confirmatory test
Anti- HBs
Anti- HBs plus
Anti- HBc
HBc IgM
HBeAg
Anti-HBe
HCV Ab⁽¹⁾
Anti-HDV*
HIV Ab/Ag⁽¹⁾
HIV Ab/Ag HT⁽¹⁾
HTLV I/II⁽¹⁾



CHAGAS

Chagas IgG⁽¹⁾



TREPONEMA

Treponema Screen



EBV

EBV IgM
VCA IgG
EBNA IgG
EA IgG



TORCH

Toxo IgG
Toxo IgM
Toxo IgG Avidity
Rubella IgG II
Rubella IgM
CMV IgG
CMV IgM
CMV IgG Avidity
HSV-1/2 IgG
HSV-1 IgG
HSV-2 IgG
HSV-1/2 IgM
Parvovirus B19 IgG
Parvovirus B19 IgM



BORRELIA

Borrelia burgdorferi IgG
Borrelia burgdorferi IgM



VZV

VZV IgG
VZV IgM



MYCOPLASMA

Mycoplasma pneumoniae IgG
Mycoplasma pneumoniae IgM



MEASLES & MUMPS

Measles IgG
Measles IgM
Mumps IgG
Mumps IgM



CHLAMYDIA

Chlamydia T. IgG
Chlamydia T. IgA



BORDETELLA

Bordetella pertussis Toxin IgG
Bordetella pertussis Toxin IgA



QuantiFERON

QuantiFERON® TB Gold Plus **



H. PYLORI

H. pylori IgG



ZIKA

Zika Capture IgM⁽¹⁾



STOOL DIAGNOSTICS

C. difficile GDH
C. difficile Toxin A and B
H. pylori SA
EHEC
Rotavirus
Adenovirus
Calprotectin
Campylobacter Ag

* Soon available

** Under Development

1 - Available on LIAISON® XL only

2 - Available on LIAISON® only

Product availability subject to required regulatory approval

FOR OUTSIDE THE US AND CANADA ONLY

M0870004124/AG 01/18

DiaSorin

The Diagnostic Specialist

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