

# HURRICANE DX

## Technical Specifications



### FULLY AUTOMATED

- All processing steps included
- Continuous loading and random access
- Increased productivity through easy walk-away operation

### HIGH CAPACITY

- Up to 126 on-board samples (18 racks)
- Up to 25 distinct assays on-board
- On-board common reagents to perform over 1000 tests
- Refrigerated area for samples and reagents

### EXCEPTIONAL EFFICIENCY

- First result in 25 minutes
- Throughput up to 120 tests/hour
- Minimum hands-on time

### FLEXIBILITY & CONVENIENCE

- Operation modes: random access, batch, and STAT
- Primary sample tubes. On-board dilution and pre-treatment of samples
- Ready-to-use cartridges

### RELIABLE

- Full traceability of samples, reagents, and operators
- Contamination and carryover free using disposable tips and cuvettes
- Clog/bubble/low sample detection

### COMPREHENSIVE TEST MENU

- Wide range of parameters for autoimmune diseases coming soon!
- Ongoing development of new tests for infectious diseases

### WORKLIST SET-UP

- Barcode identification of samples and common reagents
- Specific reagent information is transmitted to the system via RFID tag
- Continuous loading and interactive management of samples, reagents, and consumables

### SOFTWARE

- Bi-directional LIS connection
- Quality Control data management by Levey-Jennings charts & Westgard rules
- Intuitive Graphic User Interface (GUI)

### DESIGN

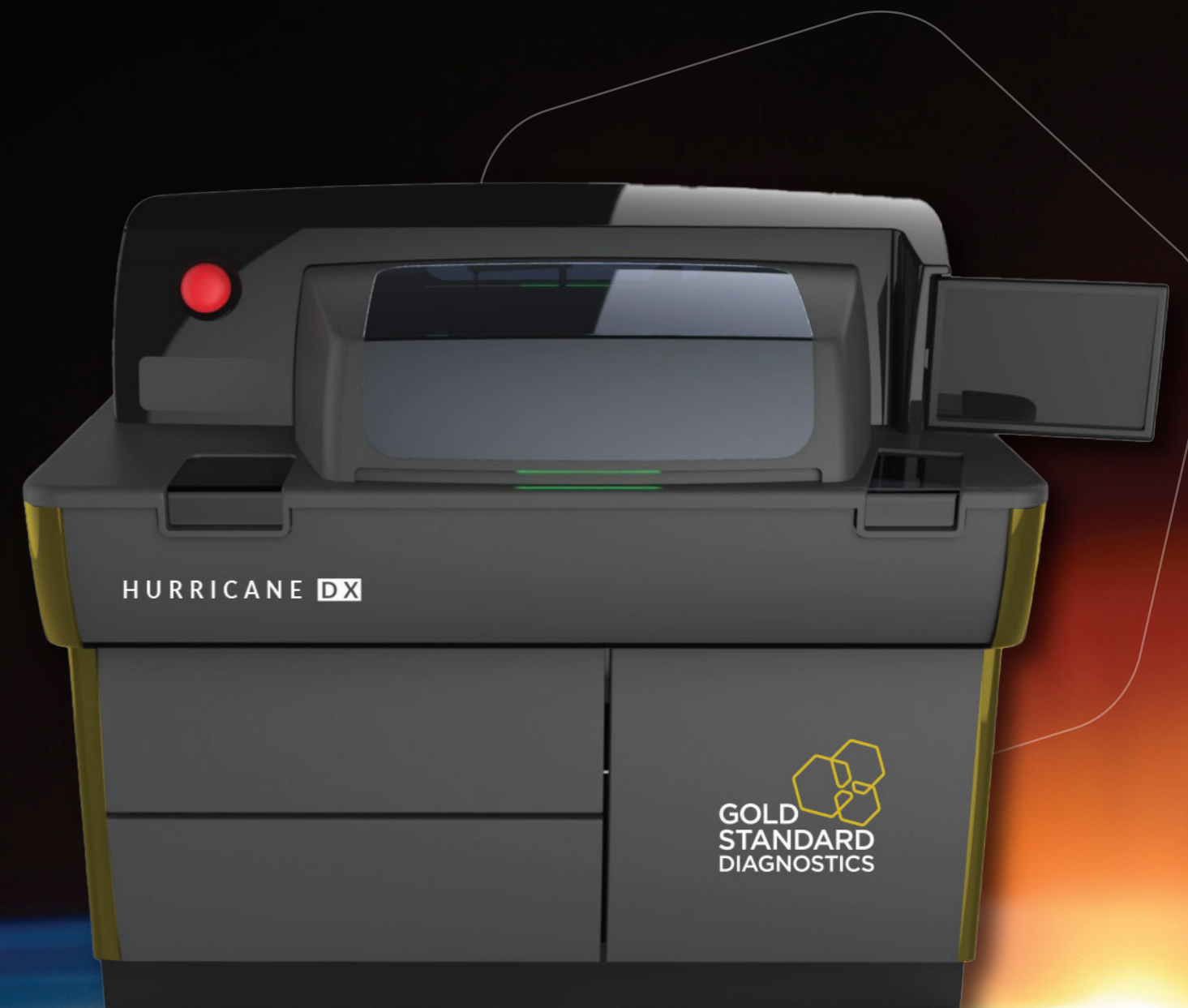
- Standalone, closed system
- Modular architecture
- Built-in touch screen
- W: 148 cm, D: 93 cm, H: 140 cm
- Weight: 425 Kg

### ORDERING INFORMATION

- Analyzer: Hurricane Dx<sup>M</sup>
- Order No.: T/GSD-CL

# HURRICANE DX

The perfect CLIA storm



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## Discover Hurricane Dx™

We are thrilled to introduce our Hurricane Dx™ product line, which enhances our automation offering, ensuring exceptional efficiency with minimum hands-on time. This laboratory solution empowers higher workloads, faster turnaround times, accurate results, and contributes to cost savings.

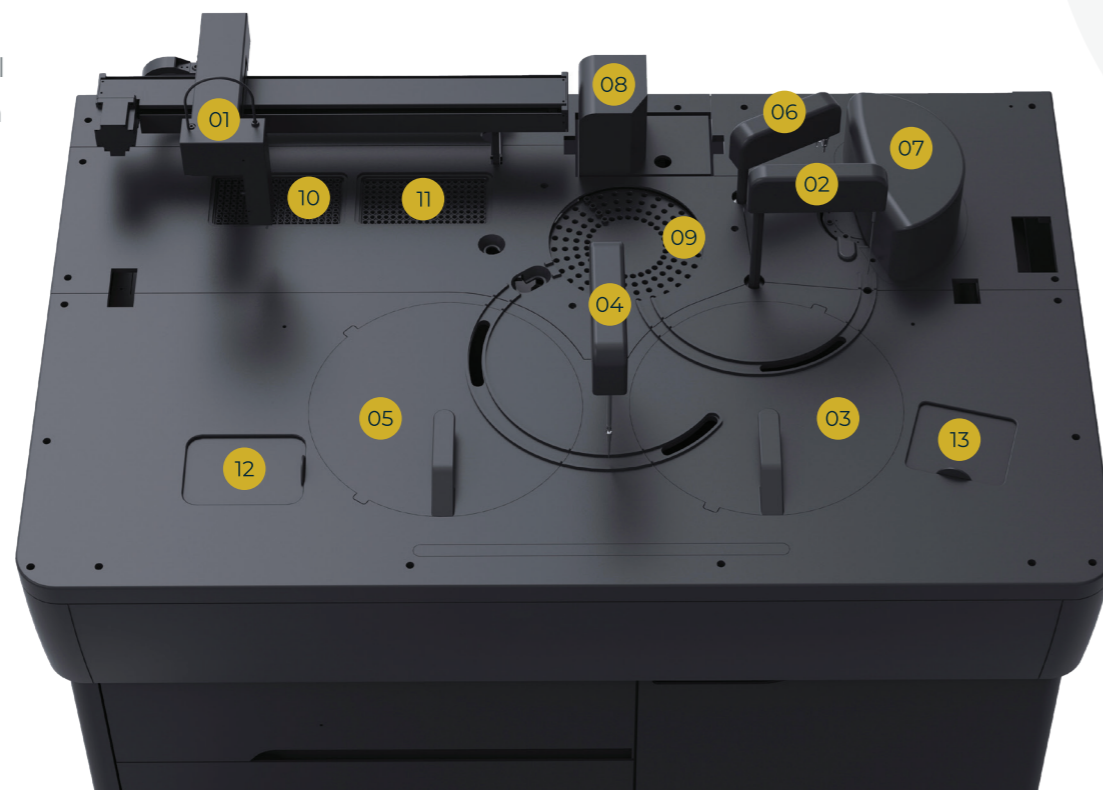
## The Test Menu

Hurricane Dx™ offers a comprehensive assay menu, featuring a diverse range of 29 assays for **autoimmune disease diagnostics**.

Furthermore, we will continue expanding our test portfolio to include new assays for **infectious diseases** including TORCH, EBV, vaccine preventable diseases, and more.

## Analysis Area

01. Loading Arm
02. Reagents Arm
03. Reagents Carousel
04. Samples Arm
05. Samples Carousel
06. Cup Transfer Arm
07. Wash Station
08. Reading Station
09. Incubator
10. Tips Rack
11. Cups Rack
12. Sample Load
13. Reagent Load



## The Technology

The synergy of **chemiluminescence** and **magnetic beads** offers substantial benefits for your laboratory. This powerful combination provides a highly sensitive detection method, excellent limit of detection, and a wide dynamic range. Additionally, it reduces non-specific interactions, and it provides optimal binding capacity.

## Kits Features

- All reagent cartridges are ready-to-use, and associated with a RFID tag
- 2 month on-board stability of reagents
- Calibration stable for 4 weeks
- Convenient kit format of 50 or 100 tests
- CE-IVD

## for AUTOIMMUNE DISEASES



### CONNECTIVE TISSUE DISEASES

GSDAI001	ANA Screen Hurricane Dx	100 tests
GSDAI013	Centromere B Hurricane Dx	50 tests
GSDAI004	dsDNA IgG Hurricane Dx	100 tests
GSDAI002	ENA Screen Hurricane Dx	100 tests
GSDAI012	Jo-1 Hurricane Dx	50 tests
GSDAI011	Scl-70 Hurricane Dx	50 tests
GSDAI009	Sm Hurricane Dx	50 tests
GSDAI006	SS-A/Ro 52 KDA Hurricane Dx	50 tests
GSDAI007	SS-A/Ro 60 KDA Hurricane Dx	50 tests
GSDAI005	SS-A/Ro Hurricane Dx	50 tests
GSDAI008	SS-B/La Hurricane Dx	50 tests
GSDAI010	U1-snRNP Hurricane Dx	50 tests

### CELIAC DISEASES

GSDAI021	Deamidated Gliadin Hurricane Dx IgA	100 tests
GSDAI022	Deamidated Gliadin Hurricane Dx IgG	100 tests
GSDAI023	tTG Hurricane Dx IgA	100 tests
GSDAI025	tTG Hurricane Dx IgG	50 tests

### RHEUMATOID ARTHRITIS

GSDAI019	CCP Hurricane Dx	100 tests
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### THYROID

GSDAI040	anti TG Hurricane Dx	100 tests
GSDAI041	anti TPO Hurricane Dx	100 tests

### LIVER

GSDAI037	AMA M2 Hurricane Dx	50 tests
GSDAI038	LKM-1 Hurricane Dx	50 tests

### ANTI-PHOSPHOLIPID SYNDROME

GSDAI027	Cardiolipin Hurricane Dx IgG	100 tests
GSDAI030	Cardiolipin Hurricane Dx IgM	100 tests
GSDAI028	β2-Glycoprotein I Hurricane Dx IgG	100 tests
GSDAI031	β2-Glycoprotein I Hurricane Dx IgM	100 tests

### VASCULITIS

GSDAI035	GBM Hurricane Dx	50 tests
GSDAI033	MPO Hurricane Dx	50 tests
GSDAI034	PR3 Hurricane Dx	50 tests

### INFLAMMATORY BOWEL DISEASE

GSDAI017	Calprotectin Hurricane Dx	100 tests
GSDAI043	Calprotectin Stool Sample Tube	100 tests