

# HumaCLIA 150

The ideal immunoassay system for testing in central and remote labs

- › Simplified operation with random-access capability
- › Modern, intuitive user interface
- › Economical, customer-focused reagent concept

CLIA



**Human**

Diagnostics Worldwide

# HumaCLIA 150

## Random-access chemiluminescence immunoassay system

The random-access HumaCLIA 150 System is the ideal fit for every low to mid-volume diagnostic laboratory, with assays for thyroid, fertility hormones, tumor and cardiac markers, bone metabolism, and many others. The system requires little training thanks to its intuitive layout and user-friendly operator interface. Its large loading capacity for consumables, samples and reagents translates into an excellent walk-away time.



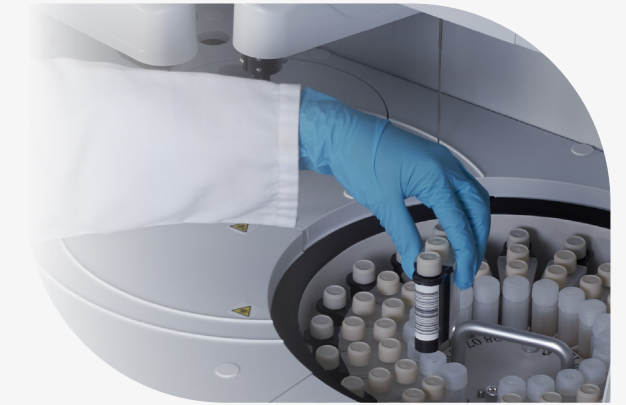
### Reaction Vessels

- > Load up to 1000 single cuvettes
- > Convenient bulk format
- > Quick and easy cuvette refilling - even during a run



### Reagent Management

- > 20 cooled reagent cartridge positions
- > Internal reagent barcode reading for positive reagent position identification
- > Automatic mixing of micro-particles ensuring reliable results



### Consumable Management

- > Shows the consumable status at a glance of cuvettes, trigger and pre-trigger solutions, wash buffer and solid waste, thereby
  - » Reducing the risk of delayed results
  - » Supporting lab workflow efficiency

### Sample Management

- > 50 sample rack positions for continuous loading of primary and secondary tubes or sample cups
- > Up to 50 STAT positions
- > Internal sample barcode reading for positive sample position identification



### Modern, intuitive user interface

- > The intuitive user interface ensures fast access to all important functions
- > Full result traceability with just one click
- > The touch screen allows for maximum ease of operation

### Simplified operation with random-access capability

- > Cuvettes in bulk format for quick and easy refilling
- > Ready-to-use reagents and calibrators in one kit for simplified logistics

### Economical, customer-focused reagent concept

- > Multi-analyte-control for streamlined logistics and improved workflow efficiency in the lab
- > Customer-focused reagent kit sizes for maximum flexibility - ideal also for low-throughput parameters

# HumaCLIA 150 System

## Specifications

### System Overview

Analyzer type	Benchtop
System description	Random-access immunoassay system
Throughput	Up to 150 tests per hour
Assay technology	Acridinium ester technology
Dimensions (WxDxH)	1030 x 750 x 710 mm

### Reagent Management

Onboard assay capacity	20 (cooled 2...8°C)
Assay kit size	2 x 50 tests, including calibrator
Reagent type	Liquid, ready-to-use
Liquid level sensor	Yes

### Consumable Management

Onboard cuvette capacity	1000 reaction cuvettes (bulk format)
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### System Operation

Color touch screen	Yes
Test request format	Profile definition capability; Customizable reflex-testing
Onboard maintenance	Yes , scheduling and log
Host interface	RS-232/LAN (bidirectional), Protocol ASTM/HL7

### Sample Management

Sample types	Serum, Plasma
Onboard sample positions	50 (rack system); STAT
Automatic sample dilution	Yes
Liquid level sensor	Yes
Sample clot detection	Yes
Result traceability	Sample ID, reagent and control lot, consumable lot, unique reagent vial ID, calibrator lot and time

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