HumaStar 300SR

Random Access Clinical Chemistry System for Medium-Sized Laboratories

- Same system reagents as HumaStar 600
- Proven hardware & software of HumaStar 100/200
- Eco-friendly with ProClean 2.0 Technology

CoreLab DX

Clinical Chemistry



Clinical Chemistry Line

Eco-friendly
ProClean 2.0
Technology

Human
Diagnostics Worldwide

HumaStar 300SR

Rock-solid, Reliable and Worry-free

- Upgrade to proven quality and cutting-edge technology
- Provide reliable results
- Ease your daily routine

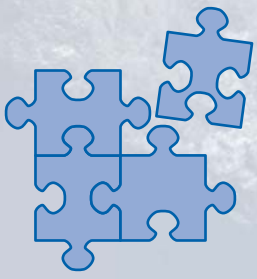
Proven Hardware and Software Quality of HumaStar 100 / 200

More than 40 Years of Experience in Clinical Chemistry



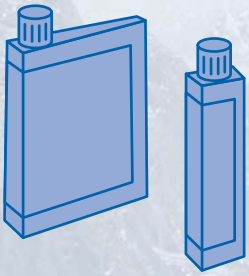
Worry-free Package

- Perfectly matching analyzer, reagents, methods, calibrators, controls



Adapted to your Needs

- Two reagent kit sizes
- Ready-to-use and validated

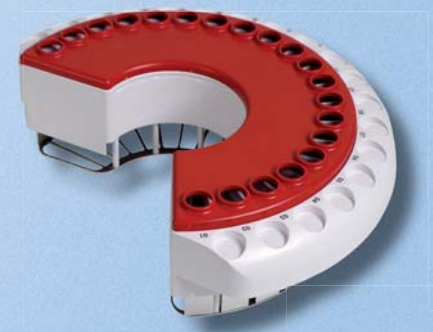


Intuitive and Powerful Software

- Automatic check of instrument and results



Discover the Features



Maximum Onboard Stability

Two reagent trays with improved cooling





Full Flexibility

Huge variety of primary and secondary sample tubes





Automated Operation

Sample barcode reader and LIS



Eco-friendly
ProClean 2.0
Technology

ProClean 2.0 Technology

Unique in its class

- Minimal carry-over – dual solution wash station
- Low water consumption (< 3 l/h)
- Segregation and reduction of biohazard waste

HumaStar 300SR

Technical Data

Operation

- Clinical chemistry and turbidimetry
- Random access, STAT
- System reagent methods preinstalled and validated
- Open channels with barcoded bottles
- Up to 290 tests / hour

Samples

- Removable sample tray
- 60 positions
- 12.5 mm primary tubes and 1 ml cups
- Optional 16 mm tubes and 3.5 ml cups
- Automatic pre- and post-dilution
- Internal barcode reader

Reagents & solutions

- 2 removable reagent trays
- 40 positions
- 70 and 25 ml bottles
- Electronically controlled cooling

Pipetting

- 2 pipetting needles
- Needle shock detector
- Capacitive liquid level detector
- Internal-, external- and method specific wash procedures

Reaction

- 8-step cuvette wash station
- Less than 3 l / h water consumption
- Two different wash solutions
- Method specific wash procedures
- Separate containers for normal and high contaminated waste

All information preliminary and subject to change

Software

- External computer required
- LIS: Bi-directional, ASTM, ethernet
- English, French, Spanish
- Designed for touchscreen
- Automatic check of reagents, expiry dates, calibration, hardware, maintenance, reaction and results

Environment

- 100 – 240 V, 50 / 60 Hz
- Less than 300 VA
- 93 x 74 x 60 cm (W x D x H)
- Approx. 75 kg
- 16 – 30 °C, < 80 % humidity

Reagent kits

Please see our flyer „Clinical Chemistry Line“ and catalog for available reagent kits and wash solutions.



Reagent Overview

Ordering Information

	REF
HumaStar 300SR	16930

Accessories

		REF
Sample Tray	*12.5 mm + cups*	16890/10
Sample Tray	*16 mm + cups*	16890/11
Reagent Tray	*20 positions*	16930/13
Personal Computer		18992P
TFT Screen		17901M
Touchscreen Monitor		18991MT
Laser Printer		18993L

Consumables

		REF
Sample Tubes 5 ml	*1000 pcs*	16890/30
Sample Cups 1 ml	*1000 pcs*	16890/31
Sample Cups 2 ml	*500 pcs*	17470/59
Reagent Bottles 25 ml	*10 pcs (1,500 tests)*	16770/25
Reagent Bottles 70 ml	*10 pcs (3,500 tests)*	16770/70

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Diagnostics Worldwide

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