



COMPLETELY AUTOMATIC SYSTEM FOR THE DETERMINATION OF **ESR** DIRECTLY IN **EDTA** TUBES.





perator protection' SAFETY &

ABSOLUTE AVOIDANCE OF CONTACT WITH BLOOD SAMPLES. THE INSTRUMENT WORKS IN ABSENCE OF WASTE LIQUIDS.



INSTRUMENT STREAMLINES LABORATORY WORK-FLOW. WALK-AWAY FUNCTION REDUCES TURN-AROUND TIME.

maximized PRODUCTIVITY



After loading the samples and reading their identifying bar codes, the two-way connection of the instrument and the complete host integration allow the automatic selection of the samples for which ESR testing is required.





Users can easily communicate with the system through interactive software and a touch screen which allow sample traceability in every operating phase: loading, mixing, analysis, classification and printing of the results.





The samples selected for ESR testing are transferred from the "Preparer Module" to the "Analysis Module" where the test is executed in four steps: mixing, first reading, sedimentation (20 minutes), second reading. To ensure traceability, each sample is placed in a specific position of the Sample Holder Rack.

ZO MINUTES of SEDIMENTATION





ESR results for each test are obtained using standard ESR test methods (three phases: rouleaux formation, sedimentation and packing). These results. obtained in 20 minutes, correlate with the Westergren citrate reference method (a 60 minute test performed at 18° C]. **Results** from the Ves-Matic Cube 200 follow ICSH recommendations (J Clin Pathol 1993; 46: 198-203)

TECHNICAL

DIMENSIONS

Dimensions in mm (HxWxD): 650x680x690 Weight: 80 Kg

ELECTRICAL SPECIFICATIONS

Line voltage:	US/CAN:	110/120 Vac
	EUR:	230 Vac
Frequency:	US/CAN:	60 Hz
	EUR:	50 Hz
Power consumption:		265 VA

ACCESSORIES

ESR Control (4x9 ml) Ref. 10430 ESR Control (2x9 ml) Ref. 10434

CONSUMABLES

Check Device Trasponder RF:		
10.000 tests	Ref. 10290	
5.000 tests	Ref. 10291	
1.000 tests	Ref. 10292	
Thermal Roll Paper (1 pcs)	Ref. 10403	

REF. NUMBERS

Ves-Matic Cube 200 10370/S 10370/A 10370/BC FEATURES OF THE SYSTEM

- Continuous loading and random access
- Test performed directly from cell counter racks
- Compatible with the most popular brands of EDTA tubes
- Up to 190 results/hour
- ¬ Results every 19"

HARDWARE AND SOFTWARE

- Internal and external barcode reader
- Built-in thermal printer
- Storage of up to 10.000 data
- Bi-directional host connection allows for selection of only the samples for which ESR testing is required.
- Two RS-232 serial ports
- Two USB host connection ports
- One USB client connection port
- One Compact Flash slot
- Internal Quality Control Management





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