

VES[™]MATIC CUBE 80

**FULLY AUTOMATED
BENCH-TOP ANALYZER
FOR DIRECT
DETERMINATION
OF ERYTHROCYTE
SEDIMENTATION
RATE (ESR) IN
PRIMARY EDTA
TUBES**

walk-away Analyser



**INNOVATIVE DRY
AUTOMATION SYSTEM**

Flexibility And Versatility

Different models and brands of EDTA tubes can be processed simultaneously by the instrument, without restrictions

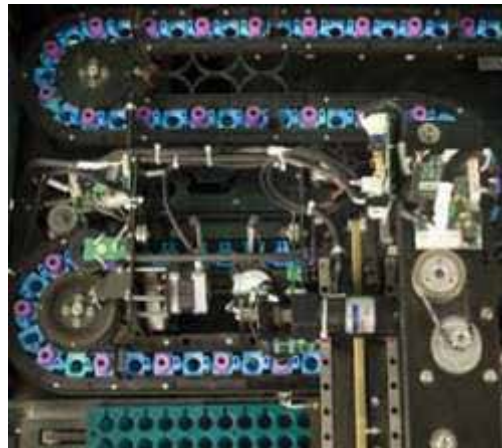
Suitable for laboratories receiving samples from different collection points

Greater sample stability: the test can be performed within up to 24 hours from blood collection



High Productivity

UP TO 95 RESULTS/HOUR



Continuous loading of the sample holder racks for a better work-flow in the laboratory

Automated mixing of samples ensuring the complete disaggregation of erythrocytes

First result obtained in 22 minutes only & next subsequent result in 38 sec

User Friendly Software with Touch Screen Interface

User friendly and intuitive software with TOUCH SCREEN interface automatic sorting of ESR and NON-ESR samples through bi-directional connection to the laboratory information system

Complete traceability of the samples during and after the analysis



A Unique Walk-away System

which perfectly fits with

the needs of the

modern clinical

laboratory

reducing the

turn around time,

it improving the

safety in handling

samples and

accurate recording

of results

minimizing the

risk of

Bio- Contamination



Complete Absence Of Risks

COMPLETE ABSENCE OF RISKS for the operator no contact with the blood samples no production of waste fluids since the sedimentation is read directly in the original closed full blood count tube



TECHNICAL SPECIFICATIONS

CURRENT	Europe 230Vac@50Hz, Usa/Canada 110-120Vac@60Hz
ABSORBED ELECTRIC POWER	265VA
FUSE BLOCK	2 x 5.0 AT (Delayed) (5 x 20 mm) UL
DIMENSIONS	650 x 570 x 690 mm(l x h x d)
WEIGHT	60 Kg
ROOM TEMPERATURE	In exercise from +15 to +35°C, Warehouse up to 45°C
ALLOWABLE RELATIVE HUMIDITY	From 20% to 80% without condensation
CENTRAL UNIT	Microprocessor Intel X Scale PXA 255 32 MB; FLASH 64MB SDRAM
DISPLAY	TFT 800x 600 colour with Touch Screen
CONTROL UNIT PERIPHERALS	Microprocessor card on owner bus
INTERNAL ANALYTIC SECTION	89 position chain for the appropriate test tube
OPTIC GROUPS	Two couples of optic-electronic elements (Led & analogical sensor)
PRINTER	Alphanumeric with thermal paper wide 58mm, 36 characters per line, speed 20mm/sec.
INTERFACE	2 x RS232C, 2 USB Host, 1 USB Client, 1 Slot Compact Flash
PROTECTION CATEGORY	CLASS I
SECURITY OF THE DEVICE	EN61010-1
EMC	EN61326-1
INSTALLATION	II
CATALOG NUMBER	10380

CONSUMABLES ACCESSORIES

CHECK DEVICE TRANSPONDER RF

(Dedicated tube with trasponder RF to be used to charge the VES-Matic Cube System with the exact number of tests)

	Ref.	10.000 tests
	Ref.	5.000 tests
ESR CONTROL	Ref.	1 Bottle Normal + 1 Bottle Abnormal (9m1)

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