

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 CUBE 4 x 9 ml Ref. 10435
(2 x 9 ml Normal - 2 x 9 ml Abnormal)
ESR CONTROL CUBE 2 x 9 ml Ref. 10436
(1 x 9 ml Normal - 1 x 9 ml Abnormal)

CONSUMABLES

TEST DEVICE 10K 10.000 tests Ref. 10290
TEST DEVICE 5K 5.000 tests Ref. 10291
TEST DEVICE 1K 1.000 tests Ref. 10292
Thermal Roll Paper (1 pcs) Ref. 10403

REF. NUMBERS

Ves-Matic Cube 200 10370/S
10370/A
10370/BC
10370/BC5
10370/B

characteristics

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
- Touch screen LCD
- 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



walk-away system

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



VES⁺MATIC CUBE | 200



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INNOVATIVE CLINICAL DIAGNOSTIC SYSTEMS

CONCEPT STAMPA IN STAMPA FIRENZE | PRINT STUDIO STAMPA | 2007_DEPL_1007 | REV.02_2018

maximum operator SAFETY & protection

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



COMPLETELY
AUTOMATIC
SYSTEM
WHICH
USES
CELL
BLOOD
COUNTER
RACKS
FOR THE
DETERMINATION
OF **ESR**
DIRECTLY
IN **EDTA**
TUBES.

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.



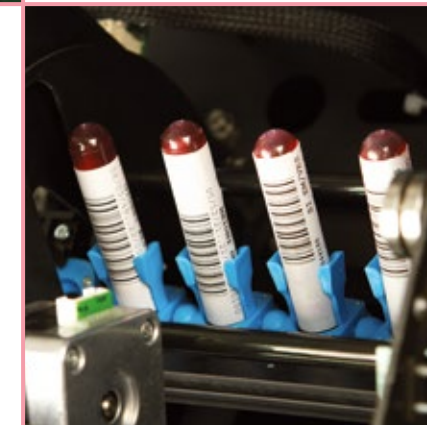
Users can easily
communicate
with the system
through
interactive
software and
a touch screen
which allow
sample
traceability
in every
operating
phase: loading,
mixing, analysis,
classification
and printing
of the results.



TOUCH screen



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.



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)

20 MINUTES of SEDIMENTATION

