

VES MATIC *Original*

**AUTOMATED ESR TEST WITH DEDICATED TUBE IN CITRATE
30 ESR RESULTS WITH MODIFIED WESTERGREN METHOD IN 30'**



THE GOLD STANDARD SYSTEM BACK IN AN EVOLVED VERSION

DIESSE

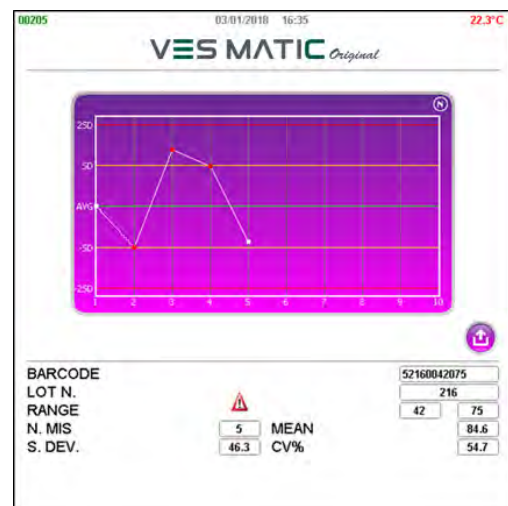
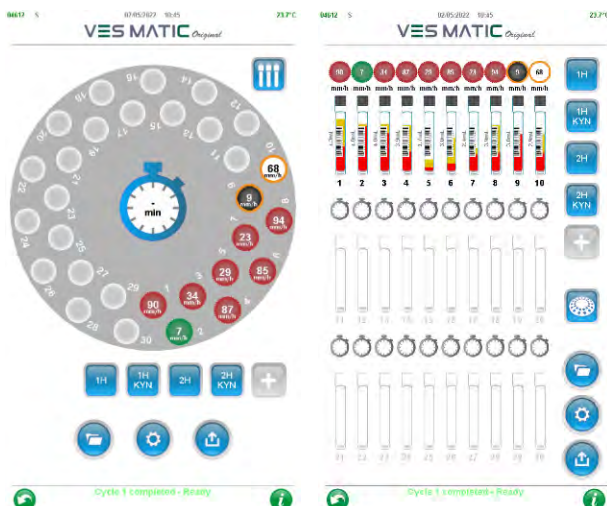
DEDICATED TUBE

The ESR (erythrocyte sedimentation rate) test is performed on blood samples collected in dedicated plastic tubes VACU-TEC and VES-TEC already containing the amount of specific sodium citrate.



EASY TO USE

- Batch or Continuous Sample Loading Working Mode
- Dedicated citrate tube with only 1.0 ml of blood
- Up to 30 samples simultaneously
- Possibility to apply barcode label directly on the collection tube
- Internal barcode reader
- Internal mixing of samples by complete inversion (180°) of the tubes
- Ability to run First or Second Hour Westergren
- Kinetics of sedimentation
- 10-inch color touch screen
- Innovative graphical interface
- 30 results in 30 minutes
- Integrated printer



INNOVATIVE GRAPHICAL INTERFACE

Touch screen interface. Graphical representation of the actual filling of the tubes. Visualization of the real sedimentation for a simple visual verification with the real sample.

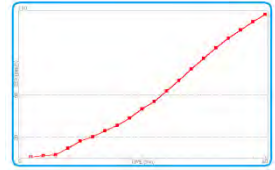
QC MONITORING

Internal monitoring of quality control through Levey-Jennings graphs and Westgard rules. QC and patient archives store up to 5.000 results.

KINETICS OF SEDIMENTATION

The VES MATIC Original enables kinetic measurement of ESR. By choosing this cycle mode, the instrument will make up to 21 readings during the sedimentation time.

At the end of the cycle in addition to the result, it will be possible to display on a graph the kinetic trend for each sample.

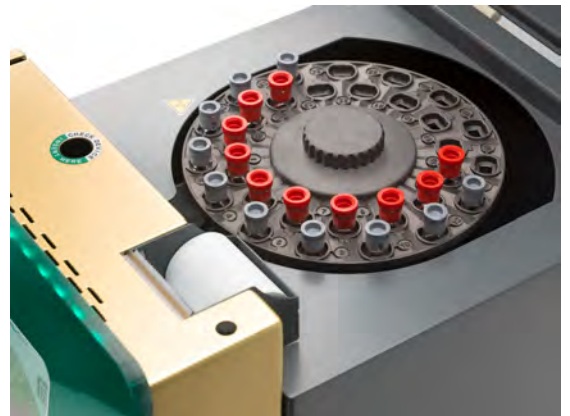


USER MANAGEMENT

Instrument allows you to create and manage access with personalized identification. With the “secure access” function in the settings menu you can manage the administrator user and users with different usage properties.

EASY & SAFE

No hydraulic circuits. No pumps, no needles. No calibration or maintenance is required. No reagent required. Test performed on closed test tubes. Maximum safety and protection of the operator.



SPECIFICATIONS

POWER SUPPLY

110 up to 230 VAC (50 – 60Hz)

BAR CODE READER

Automatic internal

ABSORBED ELECTRICAL POWER

max 100 W

SAMPLE MIXING with 180° inversion

in compliance with CLSI and ICSH requirements

DIMENSIONS

310 x 470 x 403 mm (l x w x h)

Internal printer

on thermal paper

WEIGHT

15 Kg

USB host for memory storage devices

OPERATING TEMPERATURE

from +15°C to +35°C

USB and RS232 port for connection to host computers via

ASTM PROTOCOL

DISPLAY

10,1" wide vertical type

+ Resistive Touch Panel

INSTRUMENTS AND ACCESSORIES

VES MATIC ORIGINAL	1	Cod. 10340
ESR CONTROL	4x9 ml	Cod. 10430
ESR CONTROL	2X9 ml	Cod. 10434
TEST DEVICE Original	4.000 test	Cod. 10270
EXTERNAL BAR-CODE READER	1	Cod. 20550510
THERMAL PAPER PRINTER	1	Cod. 10403



TUBES

Vacuum tubes for blood drawing, containing sodium citrate solution for direct determination of the ESR. Sample volume: 1 ml

VACU TEC (with outertubes)	100 tests	Cod. 10200
VACU TEC CUVETTE-L (without outertubes)	200 tests	Cod. 10208

No-Vacuum tubes for blood drawing, containing sodium citrate solution for direct determination of the ESR. Sample volume: 1 ml

VES TEC (with outertubes)	100 tests	Cod. 10201/A
VES TEC CUVETTE-L (without outertubes)	200 tests	Cod. 10214

The complete list of compatible tubes is available on website

DIESSE

www.diesse.it