



Vet CLER

The Smallest Automatic Coagulometer



SELEO SRL





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VET CLER IS THE SMALLEST AUTOMATIC COAGULOMETER FOR VETERINARY

The main feature of the instrument is the use of pre - dosed and sealed strips which allow coagulation and immunoturbidimetric tests to be performed without the need for calibration. A QR printed code on each kit contains all the data relating to the reagents and the test calibrations. On each strip loaded inside the instrument a bar code is printed which, at the start of the execution, allows the identification of the strips and their association with the calibrations loaded in memory.

SAMPLE AREA

N. 12 positions for pediatric cups or primary tubes containing the sample plasma.

REAGENTS AREA (used for non predisposed strips)

N. 7 positions thermostated at 37° C.

N. 1 position thermostated at 37° C with stirrer.

INCUBATION AND PREPARATION AREA - The preparation, incubation and reading area provides for the housing in 6 slots thermostated at +37°C of the strips containing reagents and diluents for coagulation (PT, aPTT, Fibrinogen and FDP) and immunoturbidimetric (D-Dimer and ATIII) tests. Each slot provides for reading the wells dedicated to the reaction at 405/546 nm.

WASHING AREA - For external and internal washing of the needle. The washing solution is loaded from an external tank equipped with a level sensor. The washing solution is discharged into a special container equipped with a level sensor. A special deproteinizing solution is near the position for needle washing.

SAMPLING ARM - Equipped with a non preheated needle with a capacitive level sensor for dispensing samples and reagents. The sampling needle will have to pierce the sealing film of the strips. The needle is connected to a 500uL diluter block equipped with a membrane pump for filling the diluter and washing the needle.

PRE-DOSED STRIPS - Strips of 8 cuvettes. An aluminum/pvc sealing film is affixed on each strip which guarantees the tightness of the wells pre-loaded with reagent or diluent solution. A bar code is affixed to each film which the instrument will read at the start to identify the type, batch and expiration of the test.

QCODE MODULE - For reading 2D codes of each test kit with the calibrations and methods relating to exams of the stored panel.

BARCODE MODULE - For reading the barcode on each segment and subsequent identification of the panels, the batch and expiry date.

PRINTER - For printing tests results. The instrument provides for connection via USB port to an external thermal or laser printer.

MANAGEMENT PROGRAM - Selectable via 7 "touch screen graphic display integrated in the instrument.

USB INTERFACE - For the connection of storage devices , keyboard, mouse or printer.

DIMENSIONS - 54x42x42 cm (WxDxH).

WEIGHT - 25 Kg.



ISO 9001

LL-C (Certification)



ISO 13485

LL-C (Certification)

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