

LiNEAR

ESR
Erythrocyte Sedimentation Rate



QUALITY SYSTEM
CERTIFIED
ISO 9001

QUALITY SYSTEM
CERTIFIED
ISO 13485

IRIA



Suitable for all ESR needs

Compact easy function, fast, low cost Erythrocyte Sedimentation Rate analyzer.

System Specifications

Random Access • Working Load: 18 samples / hour • Loading: 5 test tubes • Tubes: Plus-Sed (no vacuum) or Vacused (vacuum) • Results: In mm Westergren • Testing time: 17 minutes (1st and 2nd hour results)

Optical System

Type: Infrared Led

Communication

Display: LCD backlight 24x2 characters • Interface: RS-232C

Dimensions

Length:13 cm • Depth: 15 cm • Height: 16 cm • Weight: 1 Kg

Power required

Power supply: 100/260 VAC • 50/60 Hz • 5 VA

Did you know?

ESR test are usually run to MONITORIZE malignant diseases, rheumatic fever and heart attacks, DETECT and monitorize tuberculosis, tissue necrosis, rheumatic alterations or an unknown disease with low symptoms.

LENA NE



Moving forward on ESR

20 test tube positions

System Specifications

Random access • Working load: 50 samples / hour • Tubes: Plus-Sed (no vacuum) or Vacused (vacuum) • Loading: 20 test tubes • Results in mm, Westergren • Testing time: 24 minutes

Optical System

Type: Infrared Led

Communication

LCD Touch screen with Backlight display • Internal thermal printer • Quality control graph • RS-232-C

Dimensions

Length:31 cm • Depth: 31 cm • Height: 18 cm • Weight: 4 Kg

Power required

Power supply: 100/260 VAC • 50/60 Hz • 5 VA

Did you know?

In 1977, The International Council for Standardization in Haematology (ISCH) recommended the application of Westergren method as a reference.

Currently, the National Committee for Clinical Laboratory Standards (NCLLS) from USA recognize Westergren as the reference method.

THERMA NE

The useful tool for big needs on ESR

Fast and capable for continuous work

System Specifications

Random Access • Working Load: 250 samples / hour • Tubes: Plus-Sed (no vacuum) or Vacused (vacuum) • Loading: 100 test tubes • Results: In mm Westergren • Testing time: 24 minutes

Optical System

Type: Infrared Led

Communication

Display: LCD backlight 320x240 • Interface: RS-232C

Dimensions

Length:31 cm • Depth: 31 cm • Height: 18 cm • Weight: 8 Kg

Power required

Power supply: 100/260 VAC • 50/60 Hz • 5 VA



Did you know?

The **reference normal values** on ESR are:

ADULTS	MEN	WOMEN
Younger than 50 years	< 15mm/h	< 20mm/h
50 years or older	< 20mm/h	< 37mm/h

LiNEAR ESR ACCESORIES

Tubes Plus-Sed

5220060 Plus-Sed auto 6x100

5231050 Vacused for LiNEAR (vacuum plastic) 5x100

Controls Cromatest

5910005 ESR control 2x10 mL

5920005 QC1:ESR (Plus-Sed auto tubes N-I, N-II) 2x1.5mL

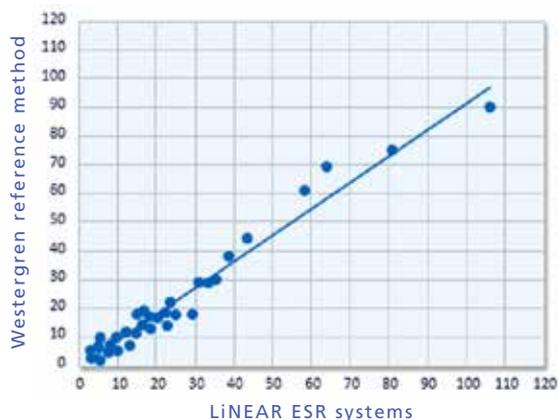
5930005 QC2:ESR (Vacused for LiNEAR tubes N-I, N-II) 2x1.5mL

5310010 ESR manual rack 10 pos. 30 minutes result



ESR manual rack

Coefficient of correlation $R=0,99$



Did you know?

LiNEAR started manufacturing and commercializing ESR in 1998. Currently LiNEAR ESR products are presents in more than 60 countries.

LiNEAR

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