

# UNICORN ESR20

ADVANCED ESR ANALYZER



VECTOR

A Beacon Group Company



## FEATURES

Random access Upgraded Westergren Method, Throughput 40 samples/hour

Infrared Photometry principle gives reading Accuracy

3.5" Colour TFT Touch Screen

Wireless LIS connection

Audio and Visual indication of Tests Status

# TECHNICAL SPECIFICATIONS

## Measuring Principle

Infrared Photometry

## Test Channels

20

## Throughput

40 Samples/Hour

## Loading Pattern

Random Access

## Sample Requirements

1.28 mL, Sodium Citrate whole blood

## ESR Measuring range

0 - 140 mm/hour

## ESR Measuring Accuracy

± 1 mm reading accuracy

## Tests Duration

Selectable 30 and 60 Minutes

## Optical reading resolution

± 0.04 mm optical measurement precision

## Temperature Compensation

Automatic temperature conversion to 18°C.  
(Manley Table)

## IOT connectivity

Available\*

## LIS

Wireless

## Wifi Connectivity

Available



## Memory

1024 Samples

## Display

3.5" Colour TFT Touch Screen with stylus

## Internal Thermal Printer

Optional, USB Port

## External Barcode Scanner

Low cost, Optional, USB Port

## Weight

3.6 Kgs

## Dimensions

215 x 210 x 173 mm (LxWxH)

## Power Supply

12 Volts, 2 Amp

## Spare Parts

Indigenous

\*Cloud based closed/Subscription/Recharge & Open Model



**VECTOR BIOTEK PVT. LTD.**

Factory & Registered Office:  
425, NEW GIDC, KABILPORE, NAVSARI - 396 424. (GUJ.) INDIA  
Toll free:1800-270-1027 | Tel : +91-93757 94103 | Fax: +91-2637-265105  
E-mail : service@beaconindia.com | Web : www.vectorbiotekindia.com  
CIN No. U33112GJ2002PTC040978



**TOLL FREE**

**1800-270-1027**

