

# Qualcyte<sup>®</sup> 10

Fully Automated ESR analyzer





10 CHANNEL

20 Tests/h  
Best in class in this segment



Instant tube detection



Intuitive user interface



Internal automated QC



Smart card reader test counting



Memory capacity of up to 5000 patient results



Automatic temperature correction to 18° C



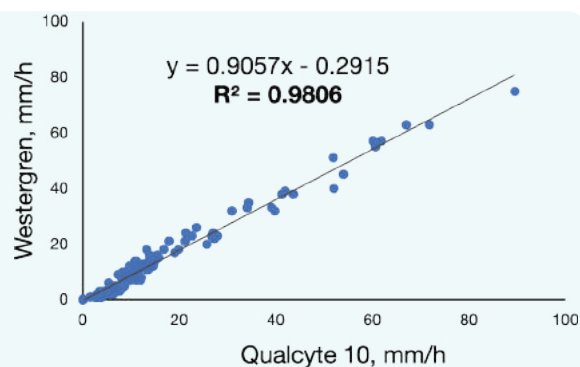
External Thermal Printer (Optional)



External Barcode Scanner (Optional)

## Accuracy

Excellent correlation in ESR results between Qualcyte 10 ESR analyzer and the gold standard manual one hour Westergren Method in LOW, NORMAL and HIGH ranges



## Technical specifications

Sample Volume	1.28 mL whole Blood (in pre-filled with 3.8% Sodium citrate glass tube)
Sample Loading	Random Access
Measuring Method	Infrared laser beam
Results Resolution	+/- 1mm
Results Pre-Indication	Abnormal sample pre-indication in 15 minutes
Temperature correction	Automated temperature correction to 18 ° C (optional)
Device Internal QC	A QC stick with pre-determined Height (mm) is provided

## Device specifications

Display	Larger 40 X 40 LCD display
Keypad	Supports 0-9 numerical and A-Z alphabets
Interface	Two RS 232 pin for both thermal printer and barcode scanner
Operating condition	18° C-45° C
Patient ID	Supports 16 digits alphanumeric patient ID
Customizable Print	Hospital/lab name integration
Memory	30 days results storage upto 5000 samples results
Power Supply	100-240 VAC, 50/60Hz   5V DC 2.5 A (External adapter)
Dimension	H 200mm x W 255mm x D 180mm
Weight	2.5 Kg

## Order Code

### Instrument:

SPXE10SG	Qualcyte 10 ESR analyzer
SPXE10SG plus	Qualcyte 10 Plus ESR Analyzer with barcode scanner integrated LIS
SPXTP10	Thermal printer (Optional)

### Consumable:

SPXE10QS	Qualscan Vacuu Glass Tube
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## About SperogenX Biosciences

We are a team of ex-scientist form Stanford University, USA and Engineers based in Bangalore, India, who are on a mission to empower healthcare professionals and communities with access to accurate, easy-to-use and affordable medical devices and IVD reagents that can be performed at different healthcare settings. As a scientist, we strive for innovative technologies to focus on significantly impacting human life.

# IMPACTING HUMAN LIFE



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