STRUMED
STRUCTURED INNOVATION

iNFLAQUICK PRO

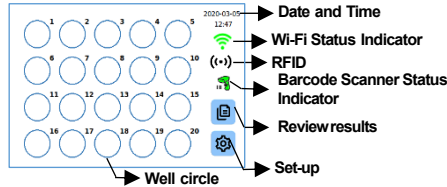*For In-vitro diagnostic use by trained lab technicians.*

Quick Reference Guide

For detailed user manual, please write to:
contact@strumed.com

Getting Started: -

To mains

➢ Connect the power adapter to the socket on the rear and press the Power switch to turn on the unit.
➢ Connect Barcode Scanner (BCS) if available, to the USB port.
➢ It takes around 150 seconds for the homescreen to appear.

- Date and Time
- Wi-Fi Status Indicator
- RFID
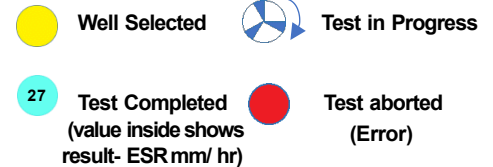- Barcode Scanner Status Indicator
- Review results
- Set-up
- Well circle

There are many ways to start the test.
1. Just place the test tube on any well. It may take few seconds for the test to start. Touch the well circle anytime during the test to enter Patient Id (manually or using BCS) in the entry screen.

2


Touch the entry line to open a keyboard
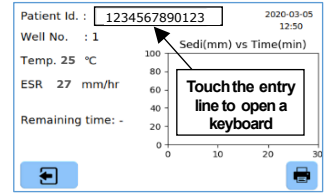
2. Touch any well circle to open the entry screen. Enter Patient Id, exit and place the tube in the corresponding well.
3. Scan the barcode on the tube using BCS. A **Select Well** message appears on the BCS indicator. Touch a well circle to open entry screen. Verify the Patient Id and exit. Place the tube in the corresponding well.

⚠ Patient Id cannot be edited after the test is completed.

Well circle status indicators: -

 Well Selected   **Test in Progress**

 Test Completed (value inside shows result- ESR mm/ hr)   **Test aborted (Error)**

3

➢ Test completed / aborted status stay till the tube is removed.
➢ After the test is completed, touch the well circle to open an updated entry screen.
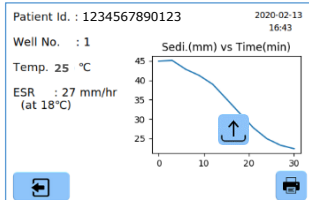
➢ Touch the printer icon 🖨 in the above screen to print the result.
➢ Touch the upload icon ↑ in the above screen to send data to the server.
➢ The test tube to be discarded properly after the test.
➢ In case of errors, the error message is shown as below.

Error

4
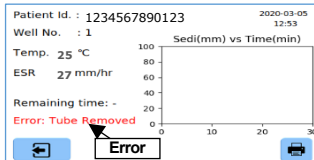
➢ Possible error messages:
i. When the test tube is removed before test completion,
   "Error: Tube removed"
ii. When the blood level in test tube is below the lower marker,
   "Error: Level low"
iii. When the blood level in test tube is above the higher marker,
   **"Error: Level High"**

Review Results: -

➢ Touch the review results icon 📄 in the Home screen to access the stored test results.
➢ Results can be searched either by Date or Patient Id or both. Enter these and touch the filter icon ▼ on the screen to get the filtered test results.

5
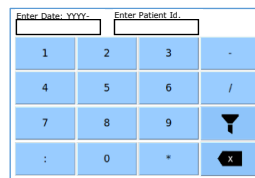
S.No.	Patient Id.	Date	ESR
123	NA	2020-02-26	0
122	NA	2020-02-26	0
121	12345	2020-02-19	0
120	12345	2020-02-19	1
119	NA	2020-02-13	14
118	NA	2020-02-13	25

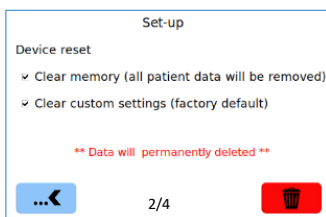Enter Date: YYYY-MM-DD   Enter Patient Id.

➢ Touch any row to view and print the test results.

Set-up Menu: -

➢ Touch the Set-up menu icon ⚙ in the Home screen to enter the set-up options.

Set-up
- Auto Print
- Result at 18° C
- Auto Upload
1/4
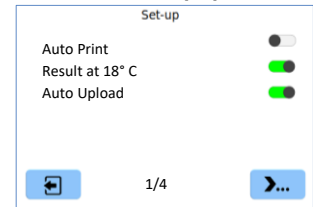
➢ Auto-print option to print the test results automatically, after the test.

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➢ Option to display the Result at 18° C, based on Manley's Nomogram.
➢ Option to transfer data automatically to Host after test is completed (Requires Wi-Fi connection & Host details).
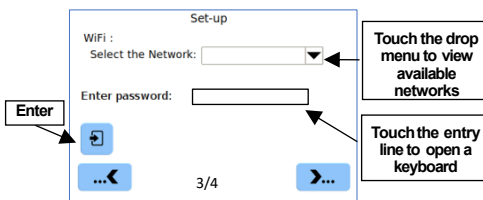
⚠ Any change is affected only on new tests, not on the current tests.
➢ Set-up page 2/ 4 is for clearing patient memory or custom settings (set to factory default).

Set-up
Device reset
☑ Clear memory (all patient data will be removed)
☑ Clear custom settings (factory default)
** Data will permanently deleted **
2/4

⚠ Data deleted cannot be retrieved.

Wi-Fi & Host Connection
➢ Set-up page 3/ 4 is for Wi-Fi & Host Connection.

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Set-up
WiFi :
Select the Network:
Enter password:
Enter
3/4

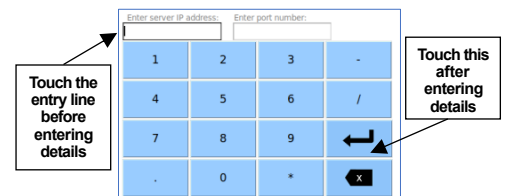Touch the drop menu to view available networks

Touch the entry line to open a keyboard

➢ Select a network from the drop menu. Enter password & touch the Enter button, when connected an indicator appears as shown below.

Set-up
WiFi :
Select the Network:
WiFi Connected to STRUmed_5G
Host Details
3/4

Connection Status
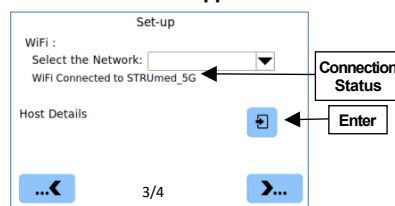
Enter

➢ Touch the Enter button for entering Host details and enter the IP Address and Port Number in the entry lines.

⚠ The IP address and Port Number of the Host should be static and known prior connection.

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Enter server IP address: Enter port number:

Touch the entry line before entering details

Touch this after entering details

➢ The Host details remains saved until any changes are made.
➢ Set-up page 4/ 4 is for factory use.
➢ Factory settings can be accessed only by authorized company personnel.

Power off: -
➢ Press the Power Switch to turn off the unit.

List of factory default settings: -

➢ Auto print	:OFF
➢ Result at 18° C	:OFF
➢ Auto Upload	:OFF

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Technical Specifications: -

- ESR measuring range: 0 – 140 mm/ hr
- Throughput: 60 samples/ hour
- Loading pattern: Random
- Loading capacity: 20 samples simultaneously
- Patient data storage: 1024 records.
- Tube Accepted: K2 EDTA Blood Collection Tube.
- Accepted Blood Volume: 1.5 mL to 3.5 mL

•Operating Conditions: -

- Ambient temperature: 15° C - 35° C
- Relative humidity: 35 % - 85 %
- Input power: 12V DC/ 3A
- AC - DC adapter: 150 - 240 V AC, 50 - 60 HZ
- Dimensions: 210 x 215 x 175 mm
- Weight: 3.5 Kg

GUI uses icons from www.icon8.com

Scanning the RFID:-

- From the home screen, press RFID symbol ((•)) .

- Now scan the RFID Card against the RFID sticker on the left side of the analyzer.

- Once the scanning is successful, the recharge value shall reflect on the home screen as Remaining test: XXXX Number.

Unit Sl. No.:

Packing list: -

1. ESR Analyzer ☐
2. Power adaptor ☐
3. Quick reference guide ☐
4. Instructions Before-Use ☐
5. Printer Paper Roll ☐
6. Stylus ☐

Verified by:

Symbols/ Marks used on product & manual

⚠ Caution/ Warning

⏻ Power switch

∿ AC power

--- DC power

◇⊶◇ DC inlet

⇠• USB port

IVD In Vitro diagnostic device

🏭 Manufacturing address

〽 Manufacturing date

SN Unit serial number