

TO,
PHOTON HOSPITAL,
KASHIPUR ROAD, MORADABAD, U.P.

CALIBRATION CERTIFICATE

This is to certify that ST-200 PLUS Electrolyte Analyzer (Sr.No.- ST-7938) is exclusively marketed in India by PSR Diag. Pvt. Ltd. is installed at **Photon Hospital**.

We are solely responsible for maintenance (preventive and breakdown) and calibrations as recommended by the manufacturers in the operator manual and updates received from them time to time.

Instrument hardware calibration is checked & done by our Instrument Engineer on 03.01.2023 & next calibration is due on 02.01.2024.

PSR DIAG. Pvt. Ltd.,



Authorized Signatory

PSR DIAGNOSTIC PVT. LTD.

Installation Qualification for ST-200 PLUS Electrolyte Analyzer**Customer Name : PHOTON HOSPITAL****Instrument Model : ST-200 PLUS Electrolyte Analyzer****Serial Number : ST-7938**

Initial Inspection of the Unit carried out and the details are as below:

System Condition Report:

Found the System to have been delivered in satisfactory condition and no external physical damaged observed on the same. The Tilt-Indicator and the Shock-Indicators on the Packaging were found to be in Good Condition, indicating the System has not been subjected to mechanical shocks or stored in any manner, so as to cause any damage to the same.

Found all the required accessories as required.

Installation Procedure & Checklist attached for records.

External requirements for Installation:

- 1 Input Voltage of 220V / 50 Hz (UPS out-put);
- 2 Recommended Operating temperatures is 22 – 30 Degree Celsius, with relative Humidity 20 – 80% (No Condensation);

Installation Certificate for ST-200 PLUS Electrolyte Analyzer

This is to Certify that the **ST-200 PLUS Electrolyte Analyzer** Instrument **Serial No. ST-7938** is successfully installed and Commissioned at **PHOTON HOSPITAL** and the Installation Protocol / checklist has been successfully completed for the above Instrument.

PSR Diagnostic Pvt. Ltd.,

Customer: PHOTON HOSPITAL

Name : Mr. Viplav Yadav

Name :

Designation : Engineer

Designation: Director :

Signature :

Signature :

Date : 03.01.2023

Date :

Installation Qualifications for ST-200 PLUS Electrolyte Analyzer

Carried out all the Installation Procedures as per the Installation Procedure & Checklists.

Carried out all the necessary checks.

Carried out all checks and tests for Movement of Pump & Valve.

Carried out set up procedure as per the customer requirement.

Checked the Probe & Pump Tubing leakage.

Handed over the Instrument for Operators Training & Qualifications.

For PSR Diagnostic Pvt. Ltd.

Name : Mr. Viplav Yadav

Designation : Engineer

Date : 03.01.2023

PSR DIAGNOSTIC PVT. LTD.

Installation Report for ST-200 PLUS Electrolyte AnalyzerCustomer Name : **PHOTON HOSPITAL**

Department :

Contact Person :

Instrument Model : ST-200 PLUS Electrolyte Analyzer

Serial Number : **ST-7938**

Date of Installation : 03.01.2023

Installation Checks & Protocol done as per Checklist attached.

The Instrument was installed and was found to be working satisfactorily. Preliminary Customer Training was provided and standardization of some parameters were done. The results were found to be within the expected range and the System found to be working satisfactorily.

PSR Diagnostic Pvt. Ltd.Name : **Mr. Viplav Yadav**
Designation : **Engineer**
Signature :
Date : 03.01.2023**CUSTOMER NAME:**Name: **PHOTON HOSPITAL**
Designation:
Signature:
Date:

Operational Inspection

- 1 Checked the Leakage Pump tubes
- 2 Checked the Liquid flow
- 3 Checked the Motor Movement

PSR Diagnostic Pvt. Ltd.**Name : Mr. Viplav Yadav****Designation : Engineer****Date : 03.01.2023**

Performance Qualifications for ST-200 PLUS Electrolyte Analyzer

1. Controls -

- a. Quality Control - Level 1(Low)
- b. Quality Control -Level 2(Normal)
- c. Quality Control -Level 3(High)

Checked and found all level Controls to be within the acceptable SD

Datasheet of Calibration and Controls attached.

Operations Qualifications for ST-200 PLUS Electrolyte Analyzer

1. Verified the Calibrations of Pump :
Done
2. Carried out set-up of parameters :
Done
3. Carried out Cleaning Procedures :
Done
4. Carried out manual set-up :
Done
5. Carried out Calibration of Moving Table :
Done
6. Imparted Operator's training and maintenance :
Done

Operational Qualification:

System certification

Study Data has determined that the System described in this document either meets all criteria outlined in this Operational Qualification Protocol, or exceptional conditions have been identified and documentation included.

Exceptional conditions, if any, have been addressed.

The System is ready for specific usage.

Protocol Performed By: PSR Diagnostic Pvt. Ltd.

Name : Mr. Viplav Yadav

Customer Authorization: **PHOTON HOSPITAL**

Name :

Designation :

Company Representative Name & Sign: Customer Name & Sign

Date: 03.01.2023

Date:

PSR DIAGNOSTIC PVT. LTD.