



**TRANSASIA**

**ERBA Chem 5X NS**

SEMI-AUTOMATED BIO-CHEMISTRY  
ANALYZER

**INSTRUMENT QUALIFICATION DOCUMENT**

FOR

**GREEN LIFE LAB & DIAGNOSTIC CENTER RUN BY GREEN LIFE INSTITUTE OF EDUCATION  
AND RESEARCH ,JAIPUR (RAJ.)**





## Installation Qualification for Erba Chem5X NS

**Customer Name :** GREEN LIFE LAB & DIAGNOSTIC CENTER RUN BY GREEN LIFE INSTITUTE OF EDUCATION AND RESEARCH, JAIPUR (RAJ.)

**Address :** TODI, Sikar Road, Jaipur

**Instrument Model:** Chem-5x

**Serial Number:** S23Q705

**Initial Inspection of the unit carried out and the details are as follows:**

### System Condition Report:

Found the System to have been delivered in satisfactory condition.

Confirmed and found all the required accessories as per dispatch note as per table below.

Sr No.	Description	Qty
1.	POWER CORD 3 PIN 250V/6A	1
2.	USER MANUAL - Chem-5X-New Scheme (Domestic)	1
3.	THERMAL PRINTER PAPER ROLL (57mm x30mt.)	1
4.	RECTANGULAR POLY. MICRO CUVETTE	5
5.	ALLEN KEY 3MM	1
6.	T200y Pipet Tips Series 200ul(Yellow)	100
7.	T1000b Pipet Tips Series 1000ul(Blue)	100
8.	ROUND GLASS MICROCUVETTES	5
9.	DUST COVER FOR Chem-5 XNS	1
10.	TEST TUBE HOLDER (with O-ring)	1
11.	Pipette Stand (Plastic)	1
12.	PROLINE SINGLE CHANNEL VARIABLE VOLUME MECHANICAL PIPETTES 5UL - 50UL (CAT. NO 720020)	1
13.	PROLINE SINGLE CHANNEL VARIABLE VOLUME MECHANICAL PIPETTE 100UL - 1000UL (CAT. NO 720060)	1
14.	ERBA WASH (4 X 50 ML)	1

Installation Procedure & Checklist Attached for records.






### External Requirements for Installation:

1. Input voltage of 220V-240V / 50Hz or 60Hz.
2. Perfect earthing was provided at power source with all applicable local requirement (A grounded, power plug only should be used). The voltage between earth and neutral should not exceed more than 3V.

### Installation Certificate for

This is to certify that the Instrument Serial No. S230705 is successfully installed and commissioned at GREEN LIFE LAB & DIAGNOSTIC CENTER RUN BY GREEN LIFE INSTITUTE OF EDUCATION AND RESEARCH, JAIPUR (RAJ.) and the Installation Protocol / checklist has been successfully completed for the above instrument.

For TBM, Technical Services Department

Name :  Surendra Rajawat  
Designation : service engineer







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## Installation Report for ErbaChem5X NS

**Customer Name** : GREEN LIFE LAB & DIAGNOSTIC CENTER RUN BY GREEN LIFE INSTITUTE OF EDUCATION AND RESEARCH ,JAIPUR (RAJ.)  
**Department** : Lab  
**Contact Person:** KANHAIYALAL KUMAWAT SEC. GREEN LIFE INSTITUTE OF EDUCATION AND RESEARCH ,JAIPUR (RAJ.)

**Instrument Model** : Erba Chem-5X NS  
**Serial Number** : S230705  
**Date of Installation:** 12-09-2022

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 System found to be working satisfactorily.

### TBM, Technical Services Department Customer Detail.

**Name:** Surendra Rajawat  
**Designation:** Service engineer  
**Signature** :   
**Date** : 12-09-2022

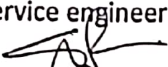
**Name** : MS NIDHI KUMAWAT  
**Designation:** LT  
**Signature** :   
**Date:** 12-09-2022




## Instrument Setup

1. Assembled the instrument accessories.
2. Connected the 3/2 pin cord (with earth terminal) of the external SMPS to the mains socket & checked the output of the SMPS it should be 18V DC +/- 1.0 V DC.
3. Connected the Peristaltic Pump tubing & placed the end of the waste tubing coming out of the analyzer into the waste bottle provided for collecting the waste.
4. Mounted the printer paper.

### TBM, Technical Services Department Customer Detail

Name: Surendra Rajawat  
Designation: Service engineer  
Signature :   
Date 12-09-2022

Name : MS NIDHI KUMAWAT  
Designation: LT  
Signature :   
Date: 12-09-2022

# Operational Qualification For Erba Chem5X NS

## System Certification:

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

Exceptional conditions, if any, have been addressed.

The System is ready for specific usage.

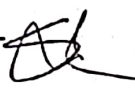
### Protocol Performed By:

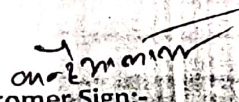
Name: Surendra Rajawat  
Designation: service engineer

Customer Authorization: KANHAIYALAL KUMAWAT SEC. GREEN LIFE INSTITUTE OF  
EDUCATION AND RESEARCH ,JAIPUR (RAJ.)

Name: KANHAIYALAL KUMAWAT SEC. GREEN LIFE INSTITUTE OF  
EDUCATION AND RESEARCH ,JAIPUR (RAJ.)

Designation: owner

Company Representative Sign:   
Date:- 12-09-2022

  
Customer Sign:-  
Date:- 12-09-2022