

INSTALLATION QUALIFICATION (IQ)

INSTRUMENT DESCRIPTION

MODEL NO : TURBOSTAT PLUS
SERIAL NO : ES1012302CT213
MANUFACTURER : BIO E LAB
DISTRIBUTOR : EVERLIFE CPC DIAGNOSTICS PVT. LTD
No. 324, KHADI GRAMMODYOG COMPLEX,
AVVAI SHANMUGAM SALAI, GOPALPURAM,
CHENNAI-86
CUSTOMER NAME : GITANJALI HOSPITAL
DATE OF INSTALLATION : 14/05/2023
ENGINEER (FOR CPC DIAGNOSTICS PVT. LTD.)

SIGNATURE : For CPC DIAGNOSTICS PVT LTD.,

Authorised Signatory.



NAME : Mr.B.MAGESWARAN
DESIGNATION : TECHNICAL MANAGER
COMPANY : CPC DIAGNOSTICS PVT. LTD.

CUSTOMER (GITANJALI HOSPITAL C/O SHREE PATH LAB)

SIGNATURE :

NAME :

DESIGNATION :

INSTALLATION REQRIMENTS:

Installation Environment Conditions

Place should not be subjected to direct sunlight

Place should be flat and minimum of dust.

The place should not be near heat or draft source.

The place should be free of corrosive gas and flammable gas.

The instrument should not be placed near brush type motors and electrical contacts that are frequently turned on and off.

Power Supply

Voltage 100-240V AC , 50 / 60 Hz.

1.0 KVA Online UPS.

Temperature And Humidity Conditions

The temperature of the analyzer room should be between 15 - 35 °C

The temperature fluctuation during the analysis should be $\pm 2^{\circ}\text{C}$

Relative Humidity should be 35% to 80 % ,without condensation.

1. Dimensions Of System Main Units (Unit: mm)

450 mm (L) X 300mm (W) X 220 mm (H) , 5.76 Kg

VERIFIED BY: Mr.B.MAGESWARAN

REVIEWED BY:

(FOR GITANJALI HOSPITAL)

For CPC DIAGNOSTICS PVT LTD.,


Authorised Signatory.



CORPORATE OFFICE

No.70/6,Old No.108/6,4th floor,Westminister,Dr.Radhakrishnan Salai,Mylapore,Chennai-600004.
Phone No:044-23460168/169

PERFORMANCE QUALIFICATION

AD Values – All wave length AD value should be within 350000 to 590000

Filters (nm)	AD Values
340	47241
405	46732
450	49307
505	44911
546	45026
578	49383
630	46592

PRECISION CHECK

This module is highlighting the reproducibility and pipetting accuracy of the system. Measuring criteria

- 1.One end point chemistry
- 2.One kinetic chemistry

BY DOING PRECISION CHECK WITH GLUCOSE, CREATININE ABOVE REQUIREMENT WILL BE COMPLETED.

HERE BY I'm VERIFYING THAT THE CONTROL RESULT OF THE EXECUTED PARAMETERS ARE WITHIN THE SD RANGE AND CV RANGE.

VERIFIED BY: Mr.B.MAGESWARAN

For CPC DIAGNOSTICS PVT LTD.,


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OPERATIONAL QUALIFICATION

ANALYSER CHECK

- OPTICAL CALIBRATION
- PUMP CALIBRATION
- TEMPERATURE IN CUVVET HOLDER
- TEMPERATURE IN INCUBATOR (Only for Turbostat Plus)
- LAMP CONDITION

REMARK

OK
OK
OK
OK
GOOD

VERIFIED BY:Mr.B.MAGESWARAN

REVIEWED BY:
(FOR GITANJALI HOSPITAL)

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