

DATA SHEET

HLL LIFECARE LIMITED, CHENNAI

nne pharmaplan®

REVIVAL OF BCG VACCINE
LABORATORY, GUINDY, CHENNAI

Weighing Balance

PROJECT No:	110729
EQUIPMENT ID :	WG-WGB 01
DOCUMENT No :	DS/WG-WGB 01



1 Process requirements

1.1 It is being used for dispensing raw materials and samples.

2 Technical Specifications

2.1	Model	cGLP, ISO compliant
2.2	Type	Weighing Balance
2.3	Number of Balance	1 no.
2.4	Capacity	10g to 1000g or near to the standard
2.5	Readability	0.001 g
2.6	Repeatability	0.001g
2.7	Linearity	0.003 g
2.8	Response time (average)	≤ 1.1 s
2.9	Unit of display	Grams, Kilograms
2.10	Measuring System	Mono Metal Tuning Fork Sensor
2.11	Tare range	Full Weighing Range
2.12	Accuracy	± 0.001g
2.13	Calibration	External, internal calibration is also required
2.14	Pan Size, (W X B) mm	(100 X 120) mm or Vendor to provide
2.15	Operational Temperature	5°C to 50°C



3 Material Of Construction

3.1	MOC of Body	Powder coated SS or painted mild steel
3.2	MOC Pan	SS 304

4 Specific requirements

- 4.1 The Balance should be properly levelled. In-built spirit level for level adjustment should be provided
- 4.2 Internal memory to be provided to store atleast 100 sets of weighing data with date & time and calibration data
- 4.3 Standard weights shall be provided for the calibration with certification traceability.
- 4.4 It should have built-in Clock Function
- 4.5 RS 232 interface is required to transfer the data as well as to take the print out.

Approved makes:


- a) Sartorius
- b) Shimadzu
- c) Mettler-Toledo
- d) Essae

5 Other Requirements

- 5.1 Provision to tare should be provided.
- 5.2 Display should be LCD/LED with backlight.
- 5.3 On power failure equipment should come in fail safe condition.
- 5.4 Vendor shall provide more features apart from above.
- 5.5 Clean ability of weighing balance by removing the pan should be possible

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5.6 Training for operation, cleaning and calibration should be provided to the users.

6 Regulatory aspects

NA

7 Safety requirements

7.1 Proper earthing of the equipment.

7.2. Appropriate closure of all parts.

8 Documents

8.1 IOQ Protocol to be provided.

8.2 Calibration Certificate to be provided by Vendor

8.3 Comprehensive 1 year warranty letter from the date of completion.

8.4 NPL Calibration certificates and calibration procedures for weights. Validity of calibration certificate should be min 1 yr. from the date of supply





8.5 Operation, calibration and maintenance manuals to be provided.

8.6 MOC Certificates to be provided by Vendor

9 Timelines

9.1 Not applicable

NOTE: Accurate size and technical specification need to be mentioned by the vendor.

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BCGVL

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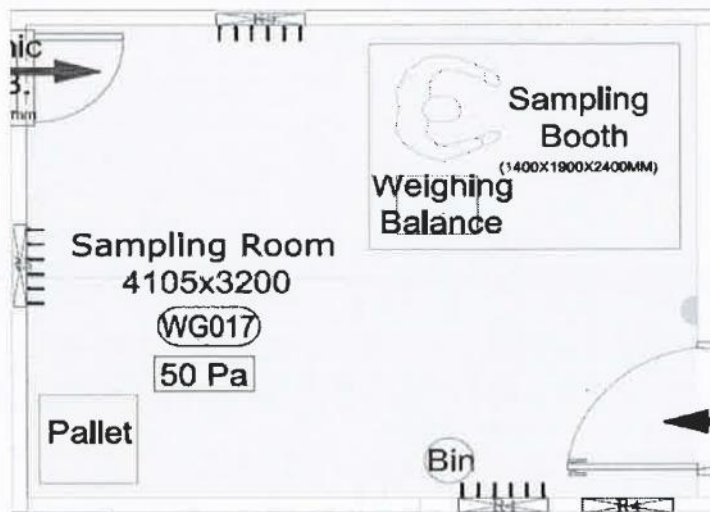
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ROOM LOCATION:

WGB 01

1	Waregouse Ground Floor, Sampling room
2	ROOM DIMENSION: 4105 mm x 3200 mm
3	FALSE CEILING: 2700 mm
4	Pressure: 50Pa



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