



# MUGBERIA GANGADHAR MAHAVIDYALAYA

ESTD.—1964

P. O.—BHUPATINAGAR ✪ Dist.—PURBA MEDINIPUR

S. T. D. Code—03220 ☎ Ph. No.—270236, Pin.—721425 (W. B.)

Ref. No.—M. G. M. / / /

Dated.....

From : The Principal / Secretary,

Quotations are invited from the authorized person for the supply of following instruments within 18<sup>th</sup> July, 2019

Sl	Name	Specification
1	Water activity meter	Temperature control: 25 degree C; Measurement Time: Less than 5 minutes Accuracy: +/- 0.01aw; Range: 0.05 to 1.000aw; Sample Temperature accuracy: +/- 0.2 degree C
2	Colour meter	For colour measurement of food product (liquid/ Powder/Solid) High accuracy of L*,a,b
3	Kjeldahl nitrogen estimate unit	Digestion and automatic distillation unit; Digestion:Auto alarm for digestion (6 samples); Distillation: automatic water refilling and monitoring
4	Liophilizer	Lab scale, Final Temperature on the condenser surface at an ambient of 20°C to -50°C.; Pump Capacity : ~220 Litrs/Min having pre-freezing arrangement, minimum time freeze drying
5	Spray drier	Lab Scale, Fully electrical, no provision of steam supply from outside, Capacity: able to dry 200 ml – 5lit
6	Hand refractometer	Lab based, for measuring refractance of jam, jelly etc. 0 to 85% Brix
7	Muffle furnace	Temperature indicators, Inner Working Space 6" X 6" X 12"
8	Deep freezer	Frost Free, Vertical, Capacity 200-400 Ltrs. Vertical, 4-8 drawers (separated) Pull Out Drawer System for Storage, -20°C
9	Fibre extraction unit	Fully programmable with 6 sample extraction, with a capacity of extraction of fibre from 0.25-8 g or more; Auto shutdown & start up facility, timer control
10	Analytical balance	Readability 0.1mg
11	Milk/ Homogenizer	500 L/hr or batch capacity 2 liter milk/icecream mix
12	Icecream freezer	Batch 2-5kg/batch
13	Soda machine	Lab scale, to make carbonated drinks

*Zoon/002*  
Principal  
3.07.2019  
Mugheria Gangadhar Mahavidyalaya



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Ref. No.—M. G. M. / / /

Dated.....03.07.19.....

From : The Principal / Secretary,

Sl	Name	Specification
14	Gerber centrifuge	Electric Operated; dual purpose 8 / 12 Butyrometers; timer 0 to 5 Minutes Mechanical Brake; Portable with anti vibration cover pads
15	Butter Churn	Lab scale, 2-5 lit cream capacity
16	Cream Separator	Lab scale, 2-5 lit milk capacity
17	UF Cum RO Unit	Lab scale
18	Vacuum Packaging Machine	Lab scale
19	Steam Jacketed Kettle	Lab scale, electrical, 2-5 lit capacity
20	Tin can sealing machine	Lab scale
21	Semi Automatic Bottle Capping Machine	Lab scale
22	Khoa Kettle	Lab scale, electrical, 2-5 lit milk capacity
23	Baking oven	Lab scale,
24	Sealing machine	Lab scale, electrical
25	Cheese making all equipment	Lab scale, 2-5 lit milk capacity
26	Laminar air flow chamber	S.S, 4' X 2' X 2, horizontal gas flow,
27	Hand refractometer	
28	Autoclave	Vertical, 22"x30", Automatic Low Water Level cut Off, Digital Temp. Controller for temperature, Safety Alarm,
29	Digital ButyroRefractometer	
30	Fruit Pressure / Firmness Tester	DIGITAL MODEL, 20 kg pressure
31	FUME HOOD	Working table is covered with S.S.304, 4' X 2' X2' Ft.
32	Rectangular Vacuum Oven	18" x 18" x 18"

  
Principal 03.07.2019  
Mugberia Gangadhar Mahavidyalaya