

INFRASTRUCTURE

List of Instruments in the Farm Machinery Testing Centre, UAS (B), GKVK, Bangalore-560065.

Sl. No.	Name of the Instruments	Qty
1.	Digital Vernier calliper 6 inch	1
2.	Micrometer 0-25mm	1
3.	Spirit level 6 inch	1
4.	Digital stop watch	1
5.	Zeal thermometer range 0-110 ^o c	1
6.	Mechanical stop watch	1
7.	Fortins barometer with mercury	1
8.	Aneroid barometer dial type barigo 100mm	1
9.	Hygrometer 0-100% RH, 85 mm dial barigo	1
10.	Tachometer digital hand held contact & alone contact model	1
11.	Digital balance capacity 0.1g to 1kg	1
12.	Cone penetrometer, BS-13mm	1
13.	Platform balance 0 kg to 300kg	1
14.	Spring balance 20kg	1
15.	Laboratory hot air oven	1
16.	Infrared moisture meter	1
17.	Bulk density apparatus	1
18.	Test sieves 8inch dia brass frame of 2inch	1
19.	Test sieve 8inch dia brass frame	1
20.	Test sieve 8inch dia brass frame 2inch height all mesh	1
21.	Mahindra475 DI 42-Hp tractor	1
22.	BIS test codes FMTC	108
23.	Vibration meter, model NO.VM-6320	1
24.	Sound level meter, model No.SL-4023 SD	1
25.	Digital Copier machine, Sharp Ar-5620 N	1
26.	Camera, Nikon cool pix P-520	1
27.	Scientific calculator (Casio)	6
28.	Dell desktop Intel core I-3, 4GB	2

29	Hot air oven, inner chamber size-Capacity 210 lirts, Model No.HA024	1
30	2 ton load cell with 5mts long cable model:SL.No.33200 & hooks & digital load indicator model SPL Sl.No.19471	1
31	0-1000 load cell with 5mts long cable model SPL.SL.No.19472	1
32	Hardness cum Brinell Hardness tester, Model TKB-3000	1
33	Digital soil moisture meter, Bionics maker, Model :BST/SM/895Y	1
34	Digital Table Top Weighing Balance Capacity 10kg & 30 Kg	2
35	Rockwell cum Brinell combined hardness tester Model MRB-250 Meta, test make	1
36	VST Shakthi 130 DI Power tiller Agricultural tiller diesel engine with rotary attachment and tool kit 1. Power tiller 2. 5yne cultivator 3. 2 share plough 4.1.5 ton capacity tippy trailer 5. Hi-tech bracket 6. Ridger	1 1 1 1 1 1
37	a)Digital hygrometer b)Digital tachometer c)Digital micrometer	4 3 4
38	Tool kit	1set
39	Digital Vernier caliper 6"	3
40	Air compressor 1.0 HP Fitted with 3 phase	1
41	Electrical motor's a) 2HP b) 0.5HP c) 1HP d) 5HP	1 1 1 1
42	Grain moisture tester (Model PM-450)	1
43	Measuring tape (30mts)	1