**INFRASTRUCTURE**

**List of Instruments in the Farm Machinery Testing Centre,**

**UAS (B), GKVK, Bangalore-560065.**

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| **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 0-1100c | 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 N0.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 lilts, 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 |