

RAMMOHAN COLLEGE

P.G.SECTION

DEPARTMENT OF PHYSIOLOGY

Name of the Instrument	Basic specifications	Typical brands	Quantity
Psychrometer - Electronic	Humidity Accuracy : +/-3% Humidity Resolution : 0.1% Display : Digital 3 Line LCD Battery Type: AAA Data Hold: Yes Sensor Type: Capacitance Temp. Accuracy (F): +/-1.8 Degrees F Temp. Range (F): Air -4 Degrees to 122 Degrees F/ Probe -4 Degrees Temp. Accuracy (C): +/-0.6 Degrees C Temp. Range (C): Air -20 Degrees to 50 Degrees C/External Probe -2 Relative Humidity Range: 0 to 100% Temp. Resolution (C): 0.1 Degrees C Temp. Resolution (F): 0.1 Degrees F	HTC, Extech	1 Pc
Pollution meter	Detects HCHO (Formaldehyde), TVOC (Volatile Organic Compounds), PM2.5, PM1.0, PM10, Temperature and Humidity LCD display Rechargeable Item Weight: 168 g Item Dimensions: 15 x 6.65 x 3.8 cm	Smiledrive	1 Pc
Environmental kit	Globe temperature (WBGT), Black Globe temperature (TG), Humidity (%RH), Air Temperature (TA), Wet Bulb (WET), and Dew Point (DEW). Quick-response capacitance sensor, accurate measurement for wet bulb. Data logging capacity: 12000 records, USB PC serial interface (WBGT-188D). Sampling interval: Max 24 hours; Min 1 Second (WBGT-188D). Batteries : 1 9V batteries required. (included) Product Dimensions : 30 x 7 x 5 cm; 220 Grams	Metravi, Quest	1 Pc

Name of the Instrument	Basic specifications	Typical brands	Quantity
Sound level meter	<p>Standard Applied IEC651 type 2, ANSI S1.4 type 2</p> <p>Frequency Range 31.5Hz to 8kHz</p> <p>Measuring Level Range 30 to 130dB</p> <p>Microphone 1/2 inch electret condenser microphone</p> <p>Calibration Electrical calibration with the internal oscillator (1kHz sine wave)</p> <p>Display LCD</p> <p>Digital Display 4 digits</p> <p>Resolution : 0.1dB</p> <p>Display Up data : 0.5 sec.</p> <p>Time Weighting FAST(125mS), SLOW(1 sec.)</p> <p>Level ranges Lo : 30-100dB Hi : 60-130dB</p> <p>Accuracy ± 1.5dB (under reference conditions)</p> <p>Max. hold Hold readings the Max. Value, with decay < 1dB / 3minutes</p> <p>Auto Power Off Meter automatically shuts down after approx. 15 minutes of inactivity</p> <p>Power Supply One 9V battery, 006P or IEC 6F22 or NEDA 1604</p> <p>Power Life About 50hrs(alkaline Battery)</p>	TENMA, Fluke	1 Pc
Anthropometer	<p>Material MS</p> <p>Surface Finish Powder Coated</p> <p>large bone anthropometer (60cm),</p> <p>small bone anthropometer (18cm),</p> <p>flexible segmometer (3m),</p> <p>Lufkin W606PM anthropometric tape 2mm</p> <p>portable stadiometer (3m).</p> <p>padded transport case.</p>	Cescorf Harpندن	1 Pc
Skin-fold calipers	<p>Item Weight : 225 g</p> <p>Easy to use with convenient pistol grip and trigger.</p> <p>Made of ABS plastic it is the most durable of all calipers.</p> <p>Accepts large folds: 80 mm+.</p>	Flovein, Healthcave Holtain, Harpندن	1 Pc
Goniometer	<p>One 12" Goniometer + One 8" Goniometer + One 6" Goniometer</p> <p>360 degrees of coverage in 1-degree increment: Various scales can offer a variety of readings.</p> <p>Clear Reading: The transparent plastic of the goniometer allows you to place the device directly on a joint or limb for easy observation.</p>	Arinio, Oiili, Kristeel	1 Pc
Bicycle Ergometer	Magnetic resistance, touch-pad display (touch pad extra)	Flexinest	1 Pc

Name of the Instrument	Basic specifications	Typical brands	Quantity
Dynamometer	Momentary digital read-outs of gripping power. Auto capturing of maximum achieved grip power and display of the value 2 x 1.5V AAA batteries (Not Included) Weight capacity: 90kg /200lb	Prosmart, Constant	1 Pc
Digital Stopwatch	Plastic body, LCD display, 1/100 second resolution in the first 30 minutes & 1 second from the 31st minute Water resistant Time in 12/ 24-hr format selectable With lanyard for easy carrying With easy battery compartment for changing batteries Product size: 66 x 85 x 19.5mm (W x H x D) 1 x 3v Lithium Battery (CR2032)	Winner, Texla	4 Pcs
Motorized Treadmill	No. of Preset Programmes 12 Modes 3 Target Based Modes Maximum Speed 14.8 km/hr Incline Specifications 6 Level Manual Incline Maximum User Weight 105 kg Peak Motor Capacity 4 HP Average Motor Capacity 2 HP	Croma, Fitking	1 Pc
Electrotransfer Mini System Gel (8cm x 7 cm)			1 Pc
Bestco Senior Precision Rotary Microtome			1 Pc

