



Republic of the Philippines
SURIGAO DEL SUR STATE UNIVERSITY
Tandag City, Surigao del Sur
Telefax #: 086-214-2744
Email: sdssu_bac@yahoo.com

1.) 3 Units Digital PH meter (water proof)

Supplied with Combination Glass ph Electrode (0-70°C),
Standard Buffer Tablets, Electrode Stand with Clamp,
Dust Cover, Power Cord, Operational & Instruction Manual,
Manufacturer Test Certificate & Warranty Card

Technical Specifications

PH Range: 0-14 pH

Resolution: 0.01 pH

Temperature Range: 0.0 to 100°C (Manual Compensation)

Display: 3 1/2 Digit LED Display

Power Supply: 230VAC±10% 50 Hz

Calibration check facility & Calibration Error Indication for 7.00 & 4.00 pH

2.) 1 Unit ExtechPinless Moisture Psychrometer with IR Thermometer

ExtechPinless Moisture Psychrometer with IR Thermometer and AC 1229 ExtechPinless Moisture Psychrometer with IR Thermometer and Bluetooth MeterLink™ 8-in-1 Meter with Memory, Built-in IT Thermometer and Wireless Capability Features: Quickly indicates the moisture content of materials with Pinless technology without damaging the surface Remote Pin type probe (MO290-P included) allows for contact moisture readings (3ft/0.9m cable length) Manually store/recall up to 20 labeled readings Works on multiple wood types and other building materials Easy to read, large dual display with automatic backlight feature Simultaneously displays moisture value of wood or material being tested, Air Temperature, IR Temperature, or Humidity Pinless measurement depth to 0.75" (19mm) below the surface Programmable high/low Moisture and Humidity alarms Designed with a patented IR circuit to measure non contact surface temperature; 8:1 distance to spot ratio with 0.95 fixed emissivity Built-in Humidity /Temperature probe measures Relative Humidity, Air Temperature plus Grains Per Pound (GPP) / (g/kg), Dew Point (DP), Vapor Pressure, and condensation point Fast Analog Bargraph, Min/Max and Data Hold, Auto power off and low battery indication Meterlink™ Bluetooth transmitter wirelessly transmits moisture and humidity data to selected FLIR thermal imaging IR cameras to incorporate meter readings with thermal images Complete with pin moisture probe with cable, 9V battery and case.

3.) 1 Unit Rice Seed Cleaner

OUTSTANDING FEATURES

High capacity.Up to 1.5 tons/hour for initial cleaning after threshing and up to 2 tons/hour for final cleaning after drying.

Low grain loss.Less than 1% cleaning loss.

Easy to operate.Minimum adjustments needed for operation.

Simple design.Locally manufactured using locally available materials.

High mobile.Fitted with pneumatic wheels for towing and transport.

Versatile.Can also be used to clean inbred seeds.

SPECIFICATIONS

Power requirement: 6hp gasoline engine

Labor requirement: 2-4 persons

Capacity: up to 1.5 tons/hour

Up to 2 tons/hour for final cleaning after drying

Grain purity: 97% (two passes)

Dimension (L x W x H): 2.9 x 1.2 x 1.6m

Total weight: 160kg

4.) 1 Unit Stereoscope

Product Description

Mirror Stereoscope, 1.5 Diopter, Color Silver, Viewing Aerial Photographs

Technical Specifications

Application: Viewing Aerial Photographs **Color:** Silver

Item: Mirror Stereoscope **Diopter:** 1.5

Zoro Number: G4848636 **Mfr Number:** 8185-02

5.) 1 Unit Transit Survey Instruments

- 5-inch digital transit with vertical tilt sensor for measuring vertical and horizontal angles
- Large dual-sided LCD for clear readouts; 6-key user interface for simple operation
- 30-speed telescope, 450-foot diameter range for larger worksites; 53-inch minimum focus
- Includes manual, batteries, rain cover, tool kit, lens cloth, and carrying case
- Displays actual variance in true plumb: 1-year limited warranty

6.) 1 Unit Weighing Balance P75,000.00

Sartorius ENTRIS 124-IS Lab Balance Capacity: 120g

Readability: 0.0001g MSRP: \$1800.00

FEATURES:

- Parts Counting
- RS-232c

WEIGH MODES:

- Carats
- Grains
- Milligrams
- Pounds
- Ounces
- Pennyweight
- Grams
- Troy Ounces
- Kilograms
- Newtons
- LB:OZ

7.) DIGITAL CLINOMETER

Description

Suunto clinometers can be used to measure heights of trees, towers, buildings, etc.; to measure slopes for grading or preliminary surveying; and to measure vertical angles for cellular and satellite installations and more. All Suunto clinometers feature a solid aluminum housing with jeweled bearing assembly. Damped scale for smooth, accurate readings. Parallax-free lens. 1/4" x 20 threaded tripod socket. Includes lanyard and black nylon case. ±150%, ±90°. Cosines to 45° on back.

Specifications

Dimensions: 2-3/4" x 2" x 5/8". Weight: 4.2oz. Graduations Degree: 0-90° in 1° units. Percent: 0 to 70% in 1% units, 72 to 150% in 2% units. Scale readings can be estimated to 10 minutes or 1/5%, when readings are made around the zero level.

8.) 2 Units GPS

Garmin Montana 650T GPS

Take it hiking. Take it hunting. Take it on the water. Montana 650T features a bold 4" color touchscreen dual-orientation display and TOPO U.S. 100K maps, supports multiple mapping options such as BirdsEye Satellite Imagery, and it has a 5 megapixel camera to boot. Montana 650T has a 3-axis tilt-compensated compass and barometric altimeter. Pair it with an auto mount and City navigator NT map to get spoken turn-by-turn driving directions.

Advanced Shortcut Features

Whether it's loading an application, navigating to a waypoint, switching your profile or customizing specific settings to your needs, advanced shortcuts lets you combine these functions to create a custom-tailored, streamlined experience. Each Montana comes with pre-loaded shortcuts-Go Home, Track Log On/Off and Stop Navigation- to get you started

Features:

- Built in 5 megapixel with autofocus and automatic geo-tagging
- Fully customizable homescreen
- QWERTY keyboard
- Reorderable menu options
- Plan routes with Base Camp
- Electronic compass
- Touchscreen
- Barometric altimeter
- Custom maps compatible
- Photo navigation (navigate to geotagged photos)
- Hunt/fish calendar
- Sun and moon information
- Tide tables
- Area calculation
- Custom POIs (ability to add additional points of interest)
- Unit-to-unit transfer (shares data wirelessly with similar units)
- Picture viewer.
- Garmin Connect compatible (online community where you analyze, categorize and share data)
- Save up to 4000 waypoints and 200 routes

Includes:

- Montana 650T
- Lithium-ion battery pack
- USB cable
- AC charger
- Manuals

Specs:

- Dimensions: 2.9"W x 5.7"H x 1.4"D
- Display size: 2"W x 3.5"H; 4" diag
- Display type: bright, transfective 65k color TFT, dual-orientation touchscreen; sunlight readable
- 272 x 480 pixels
- 10.2 oz
- Up to 16 hours (lithium-ion); up to 22 hours (AA batteries)
- Waterproof IPX7
- High-sensitivity receiver
- High-speed USB and NMEA 0183 compatible
- 3.5 GB built-in memory
- Accepts microSD cards (not included)

9.) 3 Units Digital Haga Altimeter

Features:

- Precise functioning
- Easy to handle
- Light weight
- Durable

Haga Altimeter

The Haga altimeter for measuring tree heights, developed in 1950 by our company's founder Hans Haga, has been an essential tool in the international forestry and timber industry from back then to this day.

Combining precise functionality and comfortable handling with a long-life cycle, the altimeter became a unique classic.

The indicator and scale systems are integrated into a rugged light metal casing and protected against outside influences. The shaped casing makes usage easy which is important for the accuracy of ongoing measuring.

The height determination is based on the known manner of measuring the angle between the altimeter's position and the top of the tree. The distance to an object can be measured comfortably and quickly and can even be improved with a rangefinder tape. Furthermore, the device is designed to support an optical rangefinder.

Dimensions: app.14.5x17x2.5cm

Weight: 320grams.

Auxiliary equipment:

- Range finder with base band
- Rugged leather case including carrying strap

10.) DIGITAL PSYCHROMETER

Specifications:

Range and Resolution Accuracy

Humidity 0.0 to 100.0% RH $\pm 3\%$ RH (10 to 90%) @ 23°C

Temperature (internal) -20 to 50°C (-4.0 to 122.0°F) $\pm 1^\circ\text{C}$ ($\pm 1.8^\circ\text{F}$)

Temperature (external) -20 to 70°C (-4.0 to 158.0°F) $\pm 1^\circ\text{C}$ ($\pm 1.8^\circ\text{F}$)

Display Triple LCD

Sensor Type humidity: Precision capacitance sensor

Temperature: Thermistor

Response Time 60 seconds typical

Dew Point -90.4 to 122.0°F (-68 to 50°C) (calculated from RH and Air temperature measurements)

Wet Bulb -6.88 to 122.0°F (-21.6 to 50°C) calculated from RH and Air temperature measurements)

Operating conditions -20 to 50°C (-4 to 122°F); > 99% RH non-condensing

Storage Conditions -40 to 85°C (-40 to 185°F); > 99% RH non-condensing

Power Supply 2 x 1.5V AAA batteries

Battery Life Approx. 80 hours

Dimensions/ Weight 178.5 x 48.8 x 25.2mm (7x 1.9 x 1"); 140g (4.9 oz.)

11.) DIGITAL HYDROMETER

Digital Hydrometer Features

- Quick and easy determination of specific gravity of sulfuric acid in batteries. Now, the digital hydrometer also displays either the concentration of ethylene glycol, the freezing point of ethylene glycol, or the temperature of the sample cell.
- Perfect for measuring the specific gravity of battery fluid (dilute sulfuric acid) in utility, telecommunication, and switchgear stationary battery testing. Also ideal for measuring the condition of antifreeze solution for vehicle radiators.
- Digital Hydrometer reads specific gravity from 1,000 to 1,300. Battery fluid samples pumped through sample hose and nozzle to sample chamber where measurements are taken. The gasket ensures a liquid-tight seal.
- Automatic temperature compensation to 77°F, waterproof membrane keypad, measurements quickly displayed with just one touch of a button. No need to wipe down sample prism. A rinse is the best solution for zeroing the unit.

Technical Tip (Storage batteries): checking a storage battery (lead-acid) for its condition of charge or discharge is most efficiently done with a digital hydrometer measuring the specific gravity of the electrolyte. A specific gravity reading between 1.275 and 1.3000 indicates a full-charge condition. A reading of 1.250 indicates that the battery is half-charged and a reading of 1.175 is indicative of full discharge. Since the acids (electrolyte) can differ from battery to battery, specific gravity readings may differ. But a good rule of thumb is to recharge batteries after a decrease in specific gravity reading of 0.100 from the reading at full-charge condition.

Specifications Ethylene Glycol Concentration Ethylene Glycol Freeze Pt. Specific Gravity Battery Fluid Sample temperature Sample Size Power Supply/Size

0-70% (0.1 res) (+/- 0.5%)

0-50°C (0.1 res) (+/- 1°C)

1.000 to 1.300 (.001 res) (+/- 0.005 accuracy)

5 to 40°C

2ml or larger

One 9V battery: 1.9 x 8.3 x 2.8"