



**IMPORTERS / EXPORTERS & SUPPLIERS :-**

# SUNSHINE INSTRUMENTS



Deals in :- Industrial / R&D / Scientific / Analytical / Diagnostics / Acces

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GPS ETRIX-10



OREGON GPS



LIFE STRAW



CAMERA TRAP



RADIO COLLAR



DISTANCE METER



FISH FINDER / ECO SOUNDER



PLANIMETER



RANGE FINDER

## GARMIN Etrex 10

- Waypoints : 1000
- Track log : 10,000 points, 100 saved tracks
- Routes : 50
- Display type : 4 level Grey LCD
- Battery life : 25 hours
- Waterproof : Yes (IPX7)
- Area Calculation : Yes
- \*Includes USB Interface Cable
- GPS and Glonass Receiver



## GARMIN GPS -73 H

- Waypoints : 1000
- Track Save : 100 saved tracks
- Routes : 50
- Area Calculations : Yes
- Display type : 4 Level gray LCD
- Battery life : 18 hours
- Waterproof : Yes (IPX7)
- Floats on water High Sensitive Receiver



## GARMIN GPS Etrex 20x

- Waypoints : 2000
- Track log : 10,000 points, 200 saved tracks
- Display type : 2.2" Transslective, 65-K Colour TFT
- Routes : 200
- Area Calculations : Yes
- Memory : 3.7 GB
- Battery life : 25 hours
- Waterproof : Yes (IPX7)
- \*Includes USB Interface Cable
- GPS and Glonass Receiver



## GARMIN GPS MAP 78s

- Waypoints : 2000
- Display type : Transslective, 65-K Colour TFT
- Track log : 10,000 points, 200 saved tracks
- Routes : 200
- Area Calculation : Yes
- Memory : 1.7 GB Internal
- Battery life : 20 hours
- Waterproof : Yes (IPX7)
- Electronic Compass & Barometric Altimeter
- \*Includes USB Interface Cable



## GARMIN GPS Etrex 30X

- Waypoints : 2000
- Track log : 10,000 points, 200 saved tracks
- Display type : 2.2" Transslective, 65-K Colour TFT
- Routes : 50
- Area Calculations : Yes
- Memory : 3.7 GB
- Battery life : 25 hours
- Waterproof : Yes (IPX7)
- Electronic Compass & Barometric Altimeter
- \*Includes USB Interface Cable
- GPS and Glonass Receiver



## GARMIN GPS MAP 64s

- Waypoints : 5000
- 2.6" sunlight readable color screen
- Track log : 10,000 points, 200 saved tracks
- Routes : 200
- Area Calculations : Yes
- Memory : 4 GB Internal
- Display type : Transflective, 65-K Colour TFT
- Battery life : 16 hours
- Waterproof : Yes (IPX7) Floats on water
- Electronic Compass & Barometric Altimeter High-sensitivity GPS and GLONASS receiver with quad helix antenna.
- \*Includes USB Interface Cable





## GARMIN Oregon 650

- Waypoints : 4000
- Track log : 10,000 points, 200 saved tracks
- Routes : 200
- Area Calculation : Yes
- Memory : 3.5 GB Internal
- Camera : 8 MP with Digital Zoom
- Display type : Transflective color with TFT Touch Screen
- Battery life : 16 hours
- Waterproof : Yes (IPX7)
- \*Includes USB Interface Cable  
Electronic Compass & Barometric
- GPS and Glonass Receiver



## GARMIN GPS 152H

- Physical Dimension : 5.3"x2.4" ( 13.4 x 12.5 x 6.1
- Display Size : 8.5 x 5.8 cm ; 10.2 cm diagonal
- Display Resolution : 160 x 100 pixels
- Display Type : 4-level grayscale LCD
- Weight: 11b (454g.)
- Water Rating : Ipx 7
- Antenna : Internal with External Connection
- Waypoints : 3000
- Routes : 100
- Track Log : 10.000 Point



## GARMIN Montana 680

- Waypoints : 4000,
- Track log : 10,000 pints, 200 saved tracks
- Routes : 200
- Area Calculation : Yes
- Memory : Internal 3 GB & External Memory Card
- Display type : Transflective color TFT Touch Screen
- Battery life : 16 hours
- Waterproof : Yes (IPX7)
- Electronic Compass & Barometric Altimeter
- \*Includes USB Cable
- GPS and Glonass Receiver



## GARMIN Fishfinder 350C

- Depth : 1500 feet Fresh Water
- Display : WQVGA, 256 colors
- Waterproof : Yes (IPX7)
- Needs 10V - 28 V Input 2X and 4X automatic & Manual zoom
- Automatic display re scaling on range change
- Display Resolutions : 272x480 pixel



## Holux M-241 GPS Logger

- Channel: 32 parallel satellite
- Waypoints : Record up to 1,30,000 positions
- Receiver : L1, 1575.42 Mhz
- Antenna Type: Built-in
- Satellite signal reception Sensitivity : -159dBm
- Dimensions : 32.1mm x 30m x74.5mm
- Weight (excluding battery) : <39g
- Battery Life : 1AA battery, 12 hours
- Operating temperature : 0 to +50
- \* Includes USB Interface Cable



## GARMIN GPS MAP 585 Combo

- Unit Dimension WxHxD : 5.9" x 6.4" x 2.9 "
- Display Size WxH : 5" x 120.7 x 75.8 mm
- Display Resolution WxH: 480 x 272 pixels
- Display Type : WQVGA
- Weight: 390g
- Waterproof : Yes (IPX7)
- Waypoints/Locations : 6000
- Routes : 150 tracks / 250 points
- CANet® compatible : no
- Sun & Moon information : yes
- Dual frequency sonar capable : Yes





## CUDEBACK C1 Camera Trap

- Image Resolution : 20 Megapixel, Centered Subject Technology.
- Trigger Speed : 1/4 second.
- Picture : Day color / Night Color
- Image Data: Date, Time & Camera
- Zone Control: Select wide view or centered view
- Flash Range : more than 10 meters
- Burst Mode : Select 1,2,3,4 or 5 image per detection.
- Video Mode : Yes
- Sound Recording : Yes
- Power Supply : AA Batteries
- Data Storage : Compatible with SD cards upto 32 GB
- Interchangeable flash



## VECTRONIC Radio Collar

- Every collar is manufactured according to the customer specific needs.
- Shape, Size, colour, and electronic housing depends on species and communications option.
- All collars are equipped with standard GPS, user can add sensors for activity, mortality, hibernation, temperature, and proximity with flexible wireless VHF/UHF data communication.
- Additionally, the GPS PLUS collar can be equipped with a GSM communication or with an ARGOS, GLOBALSTAR or IRIDIUM satellite transmitter.



## CUDEBACK E2 IR Camera Trap

- Image Resolution : 20 Megapixel, Centered Subject Technology.
- Trigger Speed : 1/4 second.
- Picture : Day color / Night B/W
- Image Data: Date, Time & Camera ID
- Zone Control: Select wide view or centered view
- Flash Range : IR
- Video Mode : Yes
- Sound Recording : Yes
- Power Supply : AA Batteries
- Data Storage : Compatible with SD



## RECONYX HC500 CAMERA TRAP

- Image Resolution: 3.1 Mega-pixel
- Trigger Speed: 1/5th second
- Flash Range : Up to 50 feet
- Battery Life: Up to 40,000 images
- Photos per Trigger: 1, 2, 3, 5, or 10 images per trigger
- Image Data: Time, Date, Temperature & Moon Phase
- Image Detail: Color by Day, Monochrome Infrared by Night
- Time-Lapse Scheduling: AM Period in hours & PM Period in hours
- Power supply : AA Batteries
- Data Storage: Compatible with SD cards



## CUDEBACK E3 Black Flash

- Image Resolution : 20 MP
- Trigger : Speed 1/4 second.
- Flash Range : 50 feet
- Battery Life : 30,000 images
- Flash Technology : Black Flash
- Color Display : No
- Images : 30,000 with 8 AA
- Records : HD VIDEO
- Centered Subject : Yes
- Video 10/20/30 : Yes
- Time Lapse : Advanced
- Day Smart Color : Yes



## HAWKE LRF Pro - 400 Meters

- 6X Magnification
- Water resistant
- Inner-vision-field LCD display
- Range 5m - 400m
- Easy 2 Button Operation
- Use a single CR2 3V Battery
- Field of View : 122m@100m
- Field of View angle : 7°
- Angle Range : +90°
- Hawke® Worldwide warranty





## HAWKE Nature Trek 8X42 Binocular

- Magnification: 8x
- Objective: 42mm
- Lens Coating: Fully Multi-Coated (FMC)
- Field of View: m @1000m / ft @1000yds: 129m / 388ft
- Close Focus: 2m / 6.6ft
- Eye relief: 18mm / 0.7
- Weight:: 638g
- Prism: roof prism
- Twist-up eye cups: Yes
- Diopter adjustment: Yes
- Nitrogen Purged - Waterproof and Fog Proof.



## Flashlight

- Cree XM-L2 LED-Powered by two AA batteries.
- Flashlight body wrapped with skin-safe silicon material of various colors for better hand grip.
- High light transmission rate TIR lens resulting in a balanced beam.
- Eco-friendly AL6061-T6 aluminum alloy body with anti-scratch
- Milspec type-III hard anodized finish.
- Controlled by a thermal protection program. the turbo mode is limited to 3 minutes. The brightness will gradually step down to the next level. The flashlight will need to cool down to access the turbo mode again.
- Built-in timer: Short timer (3 minutes) or Long timer (9 minutes)



## YUKON Night Vision Binocular

- Generation : 1
- Magnification, x : 3
- Lens diameter, mm : 42
- Field of View, degree : 20
- Eye Relief, mm : 12
- Exit Pupil, mm : 5
- Diopter adjustment, dptr. : ±4
- Resolution, lines per mm : 36
- Minimum focusing distance, m m : 1
- Range of detection, m (object 1,7m high, "quarter moon") : 150
- IR Wavelength, nm : 805
- Power supply, : V 3V
- Battery Type : CR123A
- Operating Temperature, °C : -30...+40
- Tripod Mount, inch : 1/4
- Dimensions, mm : 165x55x83
- Weight, kg : 0.43



## Luci Inflatable Solar Light

- Dimensions: 10.8 cm height, 12.7 cm diameter
- Compact: 2.5 cm collapsed
- 3 modes: bright, super bright, 1 sec flashing
- 10 ultra-bright LEDs/50 lumens
- High efficiency solar panel
- Charge level indicator
- Lightweight: 4.4 oz. (125 g)
- No batteries needed - just the sun
- Charges in 7 hours in direct sunlight
- Lasts up to 12 hours on bright setting
- Waterproof: IP67 rating
- Functions as a flash light
- Operating temp 50°F-120°F (-10°C-50°C)



## SUNNTO KB-20 Field Compass

- Accuracy 0.5°
- Graduation interval 1°
- Scale: Azimuth 360°, Reversed 360°
- Adjustable diopter
- Sapphire bearing
- Liquid filled capsule for stable operation
- Plastic housing
- Floating
- Lanyard
- 2-year warranty
- Made in Finland



## Life Straw (Portable water bottle & filter)

- Filters :1000 liters to 0.2 microns.
- Uses advanced hollow fiber membrane technology.
- Removes 99.9999% of bacteria (E.coli, etc.)
- Removes 99.9% protozoa. (Giardia, Cryptosporidium, etc.)
- Reduce turbidity (muddiness)
- Meets US EPA drinking water standards
- Ultra light, easy-to-use (no pumping, no chemicals)
- Requires no electrical power, batteries or replacement parts.
- BPA and chemical-free.
- Raw material meet US Food and Drug administration regulations and standards.
- Stores : 22 ounces / 0.65 liters
- Dimensions : 235mm x 80mm
- Weight : 6.6 ounces / 186 grams





## DIGITAL Water Velocity Meter

- Range : 0.3-15 FPS (0.1-4.5 MPS)
- Accuracy : 0.1 FPS
- Averaging: True digital running average per second
- Display : LCD
- Weight : 2 pounds
- Size : Length : FP101 3' to 6', Fp201 5' to 15'
- Materials : PVC, anodized aluminum, stainless steel bearing
- Power : Internal watch type batteries / 1 year life
- Operating Temperature : 0° to 120°F
- Carrying Case : The flow probe is shipped in a padded carrying case
- Sensor Type : Protected Turbo-Prop propeller with electro-magnetic pickup.



## HOBO U 23-01

- Weatherproof housing for use in outdoor or condensing environments
- High accuracy
- Replaceable Relative Humidity sensor provides fast response and superior recovery from condensing conditions
- Small-diameter external sensor versions for measurements in tight spaces
- Optic USB interface for fast and reliable download
- Compatible with HOBOWare and HOBOWare Pro software for logger setup, graphing and analysis (HOBOWare Pro is required when using the U-DTW-1 Waterproof shuttle)



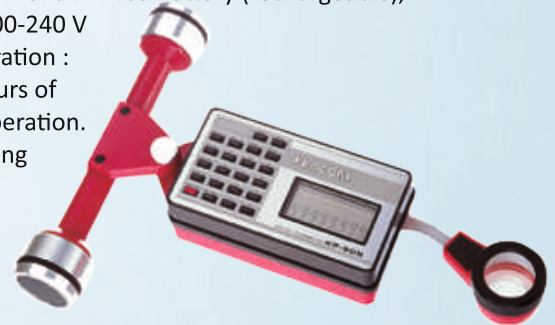
## YSI ProDSS Smart Multiparameter Sampling Instrument

- The YSI ProDSS (digital sampling system) is a portable water quality Multiparameter instrument for the measurement of several critical parameters in applications such as surface water, groundwater, coastal / estuarine, and aquaculture.
- **Parameters:**  
Dissolved Oxygen (Optical), Turbidity  
pH, ORP/Redox  
Conductivity, Specific Conductance  
Salinity, Total Dissolved Solids (TDS)  
Resistivity, Seawater Density  
Total Suspended Solids (TSS), Depth  
Ammonium, Ammonia, Chloride  
Nitrate, Temperature



## KOIZUMI Placom KP-90 Planimeter

- Type : With computing function.
- Display : 13 Symbols
- Converting Functions : Unit and Scale Value.
- Measuring Range : Maximum vertical width 325 mm  
Horizontal roller rotating length 30m.
- Accuracy : 0.2%
- Power supply : Build in NiCd Battery (rechargeable),  
AC Adapter 100-240 V
- Operating Duration :  
Approx 30 Hours of continuous operation.
- Battery Charging  
Time : Approx 15 Hours.



## Automatic Weather Station

- Rain collector : Rainfall
- Temperature : Inside and Outside Temperature
- Humidity Sensor : Inside and Outside Humidity
- Anemometer : Wind Speed / Wind Direction
- Barometer : Atmospheric Pressure
- UV Sensor
- Solar Radiation Sensor



## ESTWING Geological Hammer

- Size : 6", 14oz
- Head : 11" L 1.5lbs
- Single Piece solid steel
- Shock reduction patented grip
- Nylon Vinyl grip
- Pointed tip rock pick & Chisel edge rock pick
- Available in PointedTip Rock Pick & Chisel Edge Rock Pick
- Made in USA





## Leica NA300

- The unique design of the Leica NA300 Series of automatic (optical) levels can meet you wherever you are in the building and construction field. With a better protected shape, these rugged levels offer increased ergonomic handling while ensuring you receive the highest quality results at the best price value.
- Leica NA300 Series levels have been engineered for daily levelling tasks. Whatever the need, these levels measure with the highest precision and accuracy.
- A perfectly designed mirror makes it extremely easy to adjust the horizontal level with the highest possible accuracy and confidence.



## DISTO™ D2

- The Leica DISTO™ D2 is a 7 measurement mode LDM accurate to 1/16 of an inch. It features an intuitive back-lit LCD display in a 4oz package that is small enough to fit in your pocket.
- Use Bluetooth® to send measurements into apps running on mobile devices.
- The D2 calculates area and volume, and remembers the last 10 measurements taken. It includes a Pythagoras function for indirect height or width measurements.



Bluetooth®



## Leica iCON GPS 60 - Smart Antenna

- Superior GNSS technology for maximum accuracy and reliability. Features Leica SmartTrack+, Smart-Check+ and Leica xRTK.
- Future-proof satellite tracking supports a wide range of satellite signals (GPS L1, L2, L2C, L5 & GLONASS L1/L2, Beidou, Galileo)
- SmartLink – bridges RTK communication gaps up to 10 minutes.
- Unique communication flexibility: integrated radio, modem and Bluetooth® Integrated high-speed 4G modem provides excellent network performance
- No controller required for base station set-up, meaning you need less hardware
- Stream corrections over the internet using NTRIP technology enables all construction rovers and machines to connect an iCON gps 60 base station without radio, removing radio coverage limitations and reducing the initial hardware investment



## Ground Penetrating Radar

- Complete detection and underground mapping solution: utility detection radar + GNSS/GIS smart antenna + field tablet.
- Dual-frequency antenna to detect deep and shallow targets simultaneously.
- Easily collect and understand data with the DS2000's simple and intuitive software.
- Simple data storage and export to continue working on the post-processing at the office.
- Effortlessly maneuver around the most challenging sites with the DS2000's advanced ergonomics



## Leica Total Station

- Direct. dxf- data can be read directly from the instrument in dxf-format and read into AutoCAD® on a PC without any intermediate steps.
- Theft protection- A PIN-code system features on the Leica Builder
- 500 to prevent unauthorized persons from using the instrument.
- Call up plan data and record points eliminate read and write errors.
- Optional volumes calculation.
- Wireless communication via Bluetooth.
- Full laser distance measurements up to 250m/820ft. Up to 1.5mm accuracy at 100m covers the full range of tasks to be performed on any construction site.
- A -30°C option is available additionally.

