RIPRO Corporation, Japan

RIPRO

RIPRO PRODUCT CATALOG 2

ALL JAPAN MADE

English Edition 2026.10



GUINNESS WORLD RECORDS

RECORD HOLDER

The largest plastic survey maker company -retail RSP, 2021

SURVEY STAKE MARKER

SENSOR STAKE MARKER

SURVEYING EQUIPMENT

INFORMATION RFID STAKE MARKER

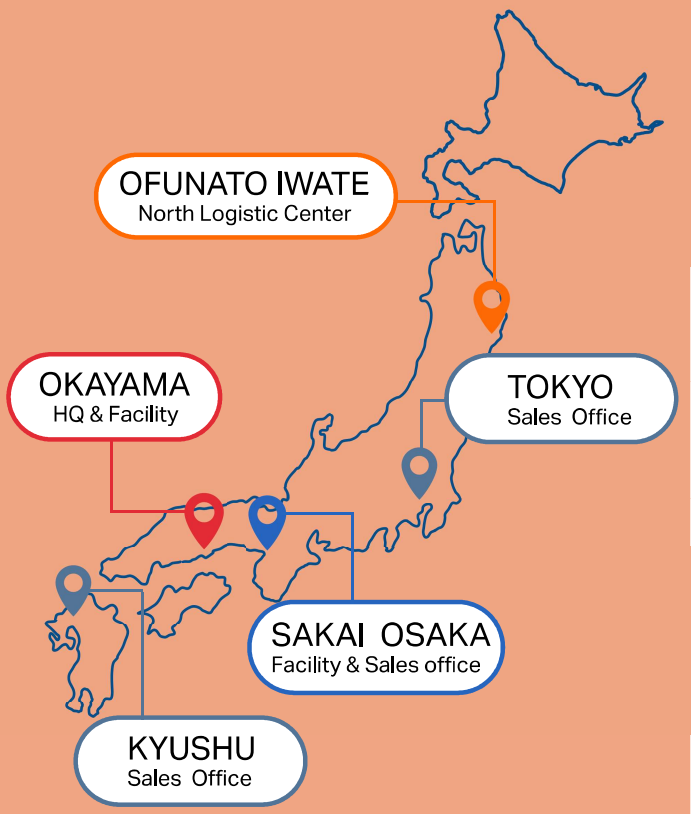
International Website

https://ripro-gl.jp

CORPORATE GUIDE

GUINNESS WORLD RECORDS™
RECORD HOLDER

Guinness World Records®Holder
The largest plastic survey marker company - retail RSP



RIPRO CORPORATION,JAPAN

Founded: 1971
Industry: Manufacture of Recycled Plastic Markers
Headquarters: Okayama Japan
Facility: Okayama, Osaka
CEO: Kengo Okada
Since 1971, Ripro Corporation has been involved in the plastics industry through recycling and manufacturing mechanical products.









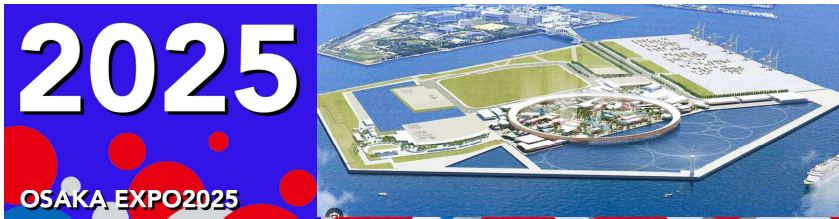












RIPRO Corporation, Japan

GUINNESS WORLD RECORDS RECORD HOLDER

About Us



Our history begins in 1971, year during RIPRO corporation has been founded by Takumi OKADA. During that period environmental awareness which basically focuses on challenging eco technology and beautiful planet, including issues such as climate change, pollution, biodiversity loss, and resource depletion was almost or nearly non-existent in Japan.

From that time, we opened the way toward environmentally conscious, material recycling and manufacturing. Keeping this commitment towards the environment, granted us recognition and many awards.

We have been accomplishing our mission by delivering a product made from recycled plastic. By developing new technologies for various measurements and applications, (flood, landsliding etc.), we offer a good service by presenting a product helpful to the society, contributing to the environment. Above all, we hope our eco-friendly products and willingness to support social activities will help build a better land world.

RIPRO 3 PILLARS OF SUSTAINABILITY

Sustainable Future
RIPRO ECO Technology

Business

Uses cutting edge technology to make stake marker.
Won design award.
Sells to over 60% of Japan's market.
Guinness World Records 2021
The largest plastic survey marker company - retail RSP, current was achieved

Environment

Rain Water Recycle
CO2 Reduce Solar System
Use Recycled Plastics to produce a wide range of products.
Save electricity with eco-friendly building design.
Contribute CO2 reduce and determine CO2 Unit by Japan Plastic Recycle & Development Association.

Social

Donated stake markers to the Tohoku Earthquake area.
Hires local talent and support the community.
Mangabook "Little Orcus 5000mile Oddyessey"
Support Local Music Event .
Donated to the Ukraine Young Surveyor 2021.
Participated in the EXPO2025, Osaka, Japan Exhibition

RIPRO SUSTAINABLE FORSE





Recycled Plastic

Mechanical & Material Recycling



いまこそ、アール・イー。

Re.
50years

RECYCLE
RESTRUCTURE
REPRODUCTION
RESPECT
RESPONSIBLE

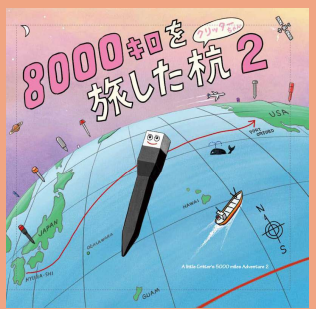
ZERO EMISSION, ORIGINAL MANUFACTURING PROCESS

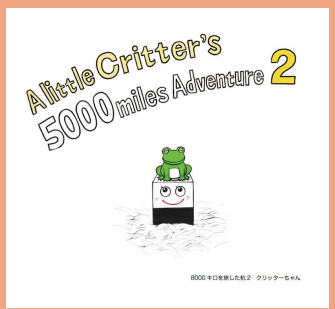
We use an innovative manufacturing process to transform plastic waste directly into recycled products. This process led us to achieve one-stop recycling service.

MANGA BOOK
published by RIPRO KENGO OKADA









https://www.ripro-store.com/view/item/000000000225?category_page_id=all_items
https://www.ripro-store.com/view/item/000000000223?category_page_id=all_items

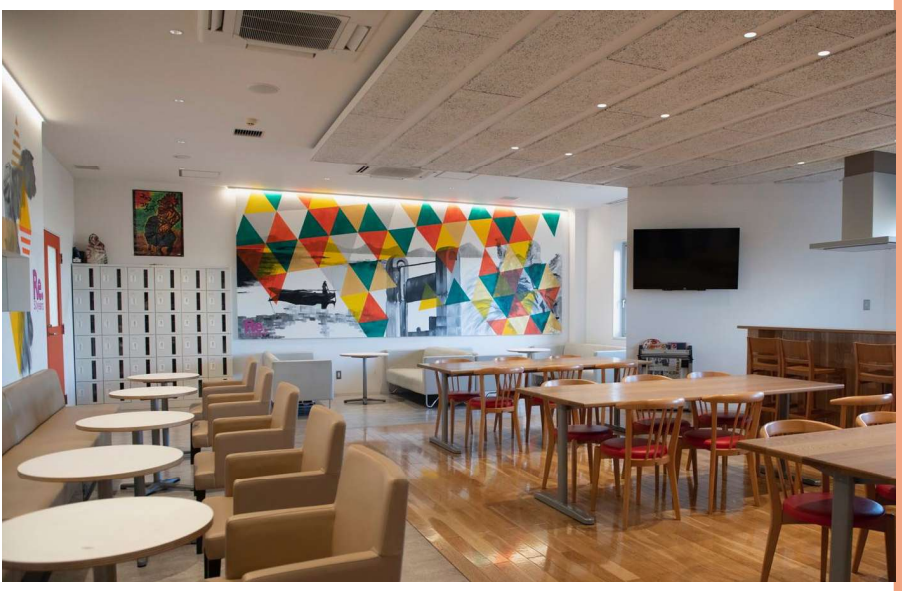
https://www.ripro-store.com



Quality Control



Sales Products



Cafeteria

RECYCLED PLASTIC QUALITY OVER 40 YEARS

PRODUCT QUALITY

RIRPO's goal is to continue to deliver the highest quality products to our customers, so we prioritize quality control and uses following various testing methods.

- Rigorous testing, including UV Resistance Testing
- Heat Resistance Testing
- 20-Impact Durability Test

ISO9001/14001

Qualified company and the first factory in Japan to institute a quality control standard JIS (Japan Industrial Standard) on recycled plastic product in 1986.

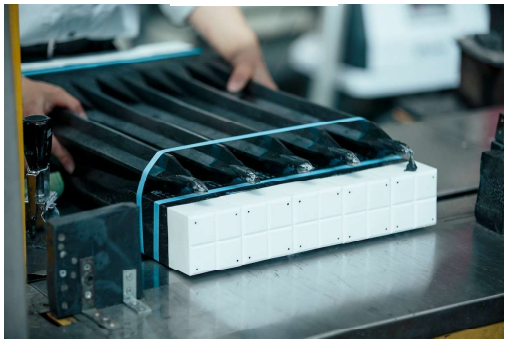


Transport Delivery

ECO TECHNOLOGY



Waste Plastic



Idea on Manufacturing



Recycled Survey Marker



ECO-TECHNOLOGY FACILITY "WAVE"

Ripro's headquarters and manufacturing facility opened in 2008. The facility features an environmentally conscious design, including solar panels, a power generation system, and a rainwater collection system. The factory has plenty of windows that maximize sunlight.



Okayama, Headquarters & Facility



Osaka, Sakai Division Facility 2022 "SURF"

BUILD LAND INFORMATION NETWORK WITH MARKER!

RIPRO IoT Brand

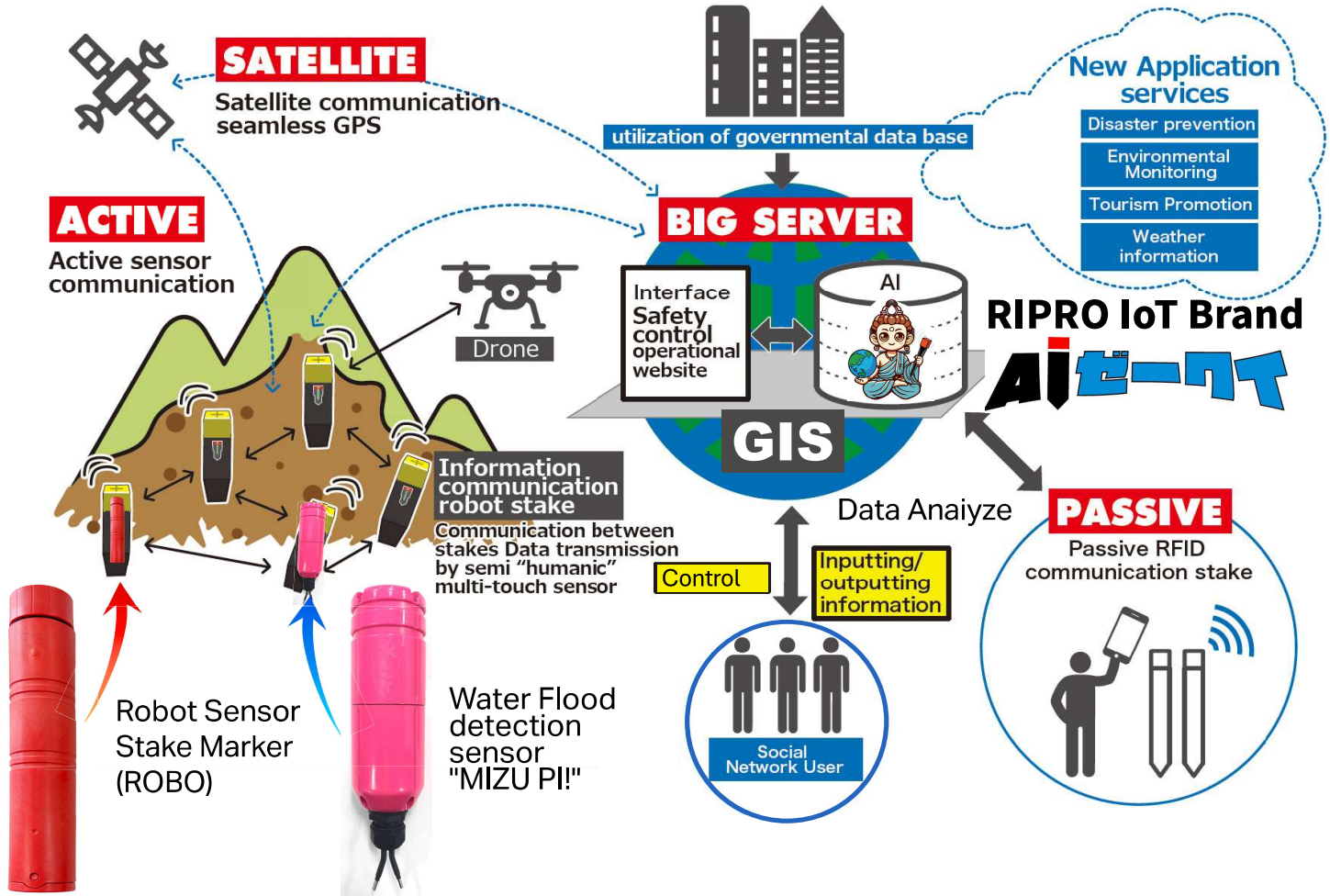
RIPRO



- ☑ IRIPRO BRAND ADD INTELLIGENT TECHNOLOGY ON RECYCLED PLASTIC
- ☑ SENSOR STAKE NETWORK SHARE VARIOUS INFORMATION FROM FIELD STAKE MARKER

YouTube Introduction

iRIPRO NETWORK IMAGE



Available to connect to multiple sensor devices.

RIPRO

LAND INFORMATION MANAGEMENT

RFID Recycled Plastic Marker with Information Technology



APPLICATIONS WITH RFID

Identify and Record Real-Time Data, Disaster, Tourist Guide, Forest Management, Property Management, Disaster Prevention, Recovery/Reconstruction Infrastructure Management





Land survey + ID Technology



2011 Tsunami Area for Historical Archive with Information Stake Marker

PASSIVE

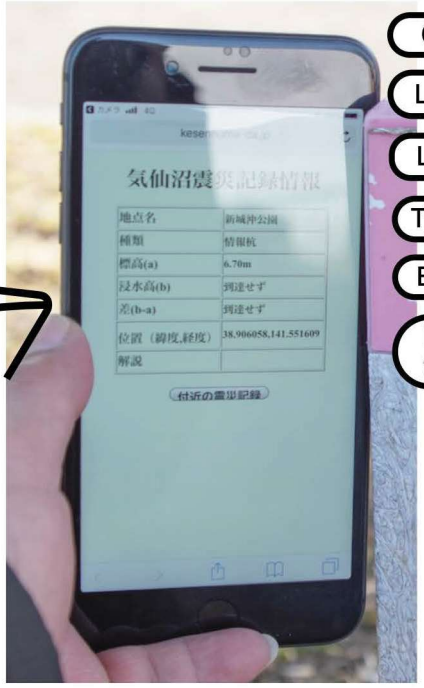
RIPRO

INFORMATION STAKE MARKER (RFID)

Integrate RFID with Location Database Server
(XYZ Coordinates, Place ID, Address, etc.)





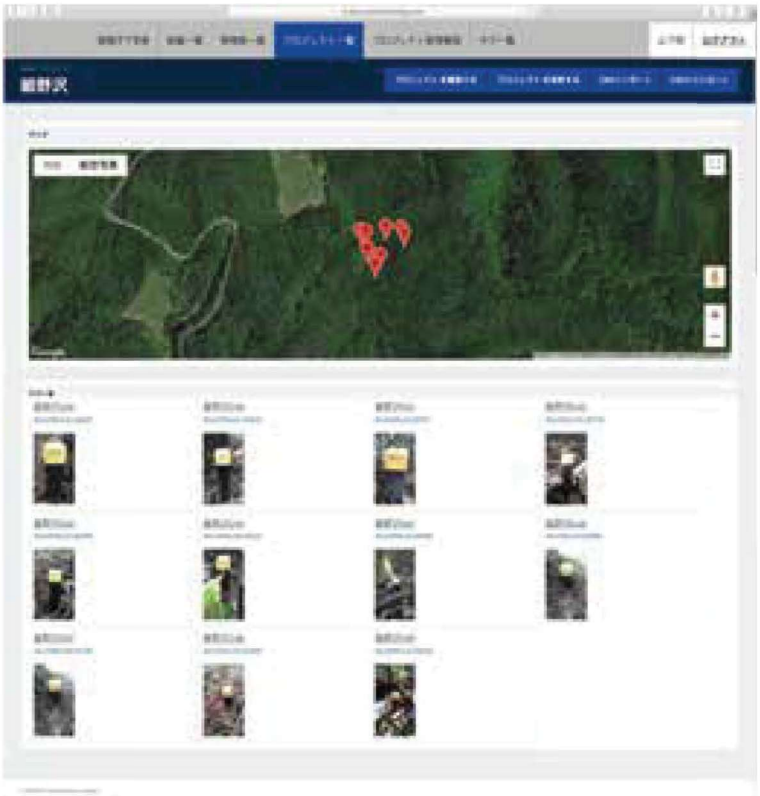


- Coordination
- Location Database
- Location Data
- Types and Purposes of Marker
- Elevation Data
- Data misalignment from the previous load

Integration with GIS software

Interface for land management system (e.g., forest management).







Ripro has been developing RFID technology since 1989. RFID Stake Marker integrate recycled plastic stake marker with ID technology.

ACTIVE

IRIPRO

WATER FLOOD DETECTION SENSOR "MIZU PI!"
(WATER DETECT SENSOR)

Flood Detection Sensor
Our original flood detection solution helps monitor heavy rainfall and flooding, including inland floods, ponds, and storm surges.
When water reaches the sensor electrodes, data is sent to the cloud, enabling email alerts on smartphones and PCs.

- LPWA Connectivity for efficient, long-range communication
- Low Power Consumption for long-term operation.

MizpiHN,MizpiHL SPEC
Water sensor : Electrode type
Battery life : Approximately 5 years
Communication method : SigFox
Periodic update: 6h,12h,24h,26h
Waterproof Level: IPX7
Email notification system.



It can be mounted onto a dedicated stake.
Once the stake is driven into the ground, observation begins.

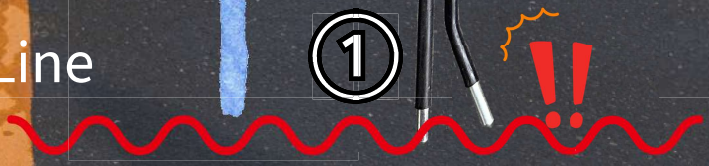




Single-point detection







Dual-point detection

Installation Video
YOUTUBE link

SENSOR NETWORK
for Flood Disaster Management



SigFox Network



水ピイ2

sigfox

Sigfox Downlink
922.2MHz

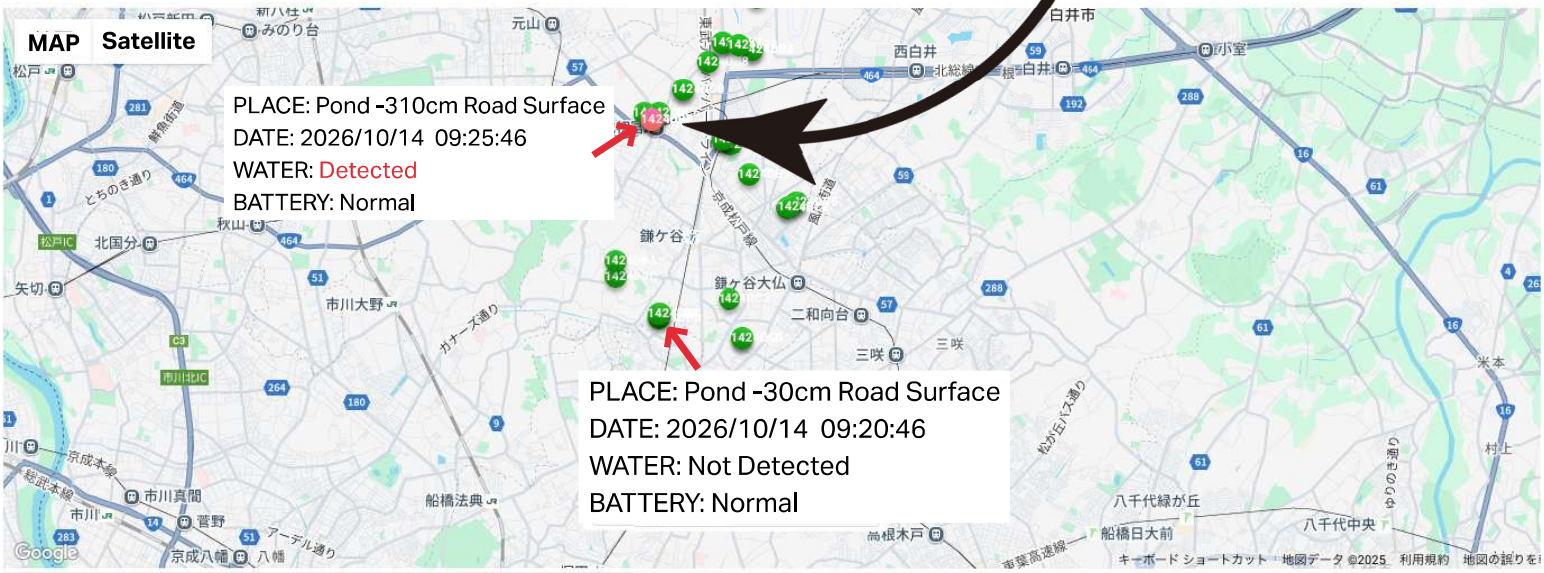
Sigfox Uplink
923.2MHz

Web Interface Deck

A green icon indicates that no water is detected.
It changes color when it detects water.

monitor | mail setting | device setting

Sensor location



PLACE: Pond -100cm Road Surface	PLACE: Pond -310cm Road Surface	PLACE: Pond -130cm Road Surface	PLACE: Pond -30cm Road Surface
DATE: 2026/10/14 09:40:46	DATE: 2026/10/14 09:25:46	DATE: 2026/10/14 09:20:46	DATE: 2026/10/14 12:22:46
WATER: Not Detected	WATER: Detected	WATER: Not Detected	WATER: Not Detected
BATTERY: Normal	BATTERY: Normal	BATTERY: Normal	BATTERY: Normal

It changes color when it detects water.

Rising water line evels are marked in RED for quick identification
Easily manage multiple sensors through GIS

Robot Sensor Stake Marker (ROBO)

NEW INFORMATION ROBOT-STAKE I: MULTI-TACTILE INTEGRATION

NEW!





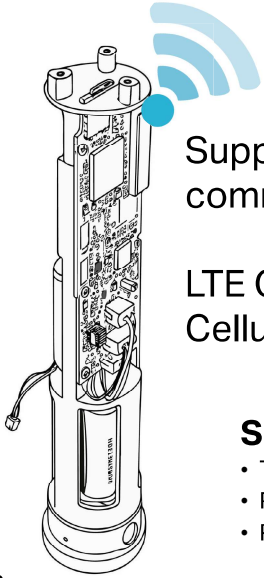
Sensor spec Measurement Data Acquisition:

1. Geographic Coordinates
2. Tilt Angle
3. Ground Vibration
4. Shock
5. Temperature
6. Air Pressure
7. Soil Moisture (*optional)
8. GPS coordination



Install stake marker





Supported communication standards

LTE Cat-M1/NB1/NB2 Cellular Module

Installation Video
YOUTUBE link

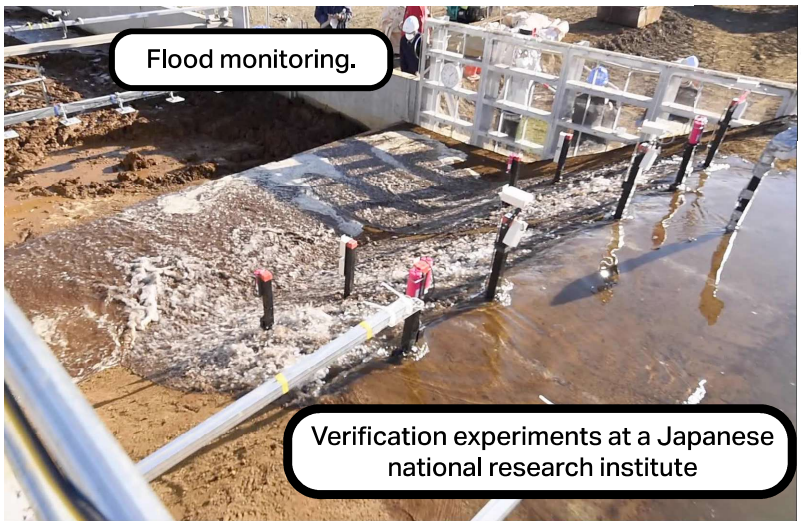
Specification

- Telephone Communication: LTE (Docomo IoT Plan) for monitoring.
- Power Supply: Lithium Manganese Dioxide Battery (Maxell).
- Plastic Stake: 70mm square × 900mm, with a protective cap.

ACTIVE

RIPRO

SENSOR STAKE NETWORK



RIPRO情報杭 AIゼークイ



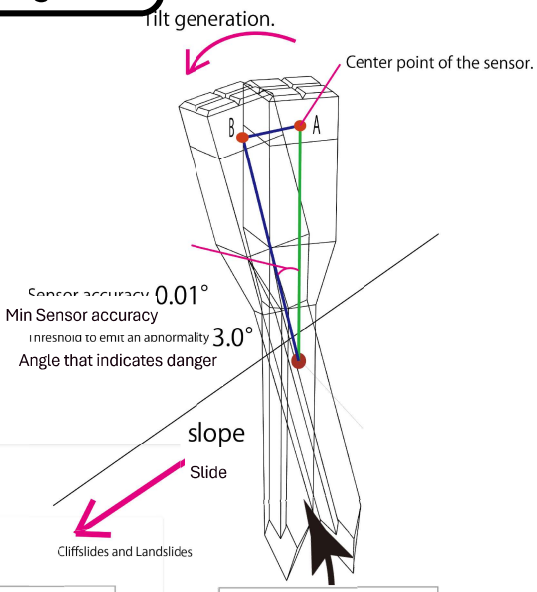
New coming AI RIPRO system



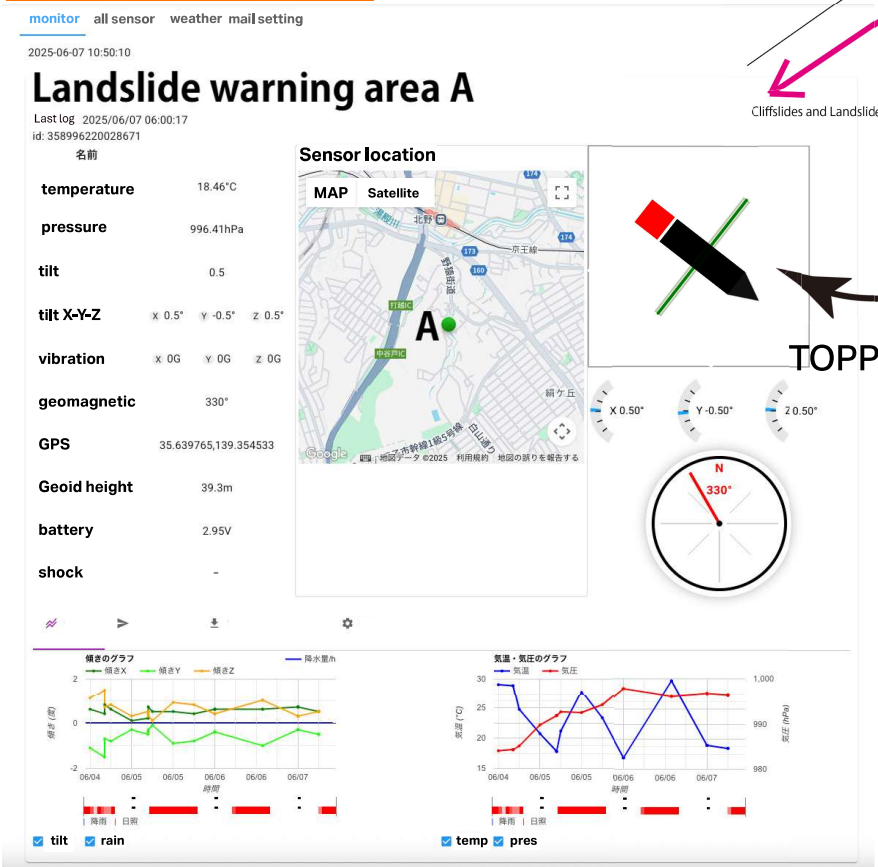




Angulation image



Web Interface Deck



RIPRO Corporation, Japan

MADE IN JAPAN

Survey Markers DELTA Type Series
Recycled Plastic Stake Marker

Delta Mini 30
item# 104



Tip shape

Delta Mini 40
item# 108



Tip shape

Delta Mini 55
item# 109



Tip shape

Delta A 45
item# 113

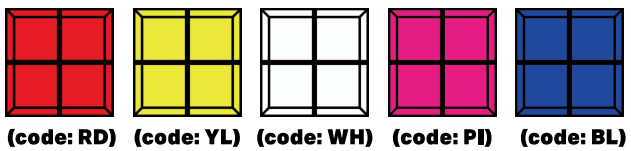


Tip shape

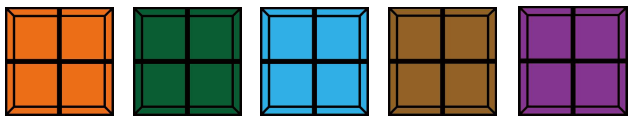
CUSTOM MOLDED CAPS & HOT STAMP

You can choose the color and design of the cap on the stake.
You can also add a custom letter stamp to the side of the cap using hot stamping.
Logos and graphics are also accepted.

CAP COLOR OPTIONS



(code: RD) (code: YL) (code: WH) (code: PI) (code: BL)



(code: OR) (code: GR) (code: LB) (code: BR) (code: PL)

CUSTOM CAP HOT STAMP



CUSTOM MOLDED CAP



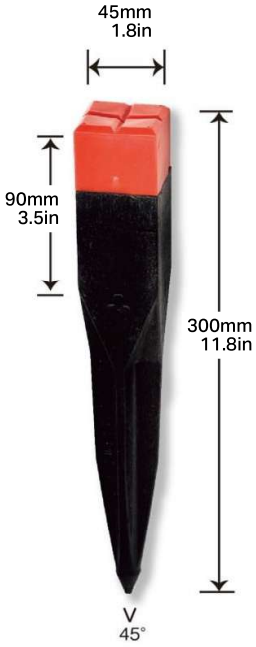
Please feel free to contact us if you have any requests for cap customization.

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MADE IN JAPAN

KARUI Type Series
Recycled Plastic Stake Marker

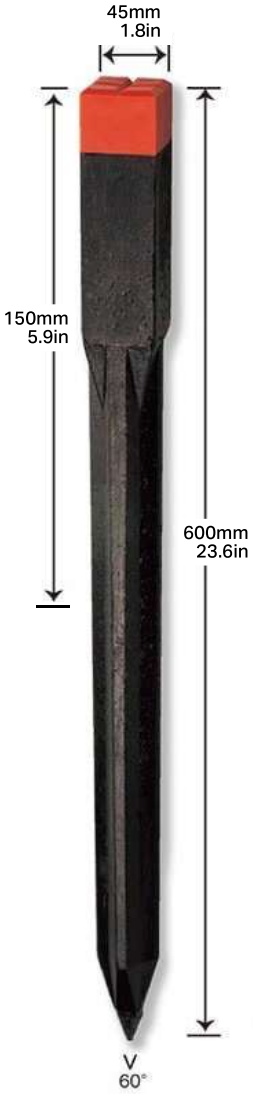
KA30
item# 112



Tip shape



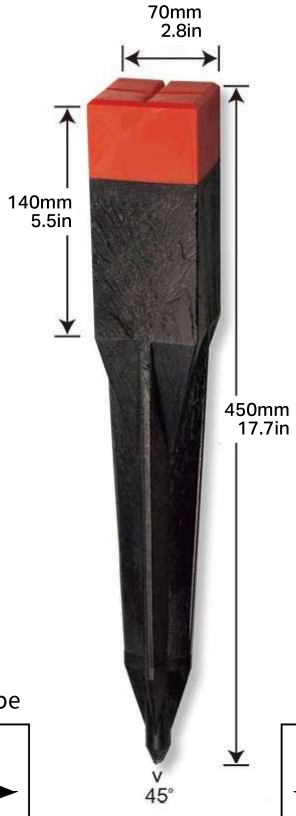
KA60
item# 118



Tip shape



KBA45
item# 123



Tip shape



KBA60
item# 128



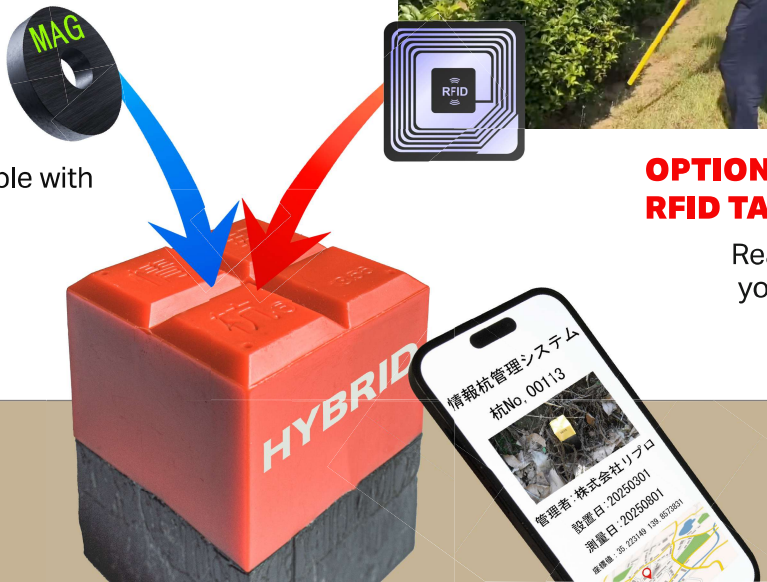
Tip shape





OPTIONAL
MAGNET Insert Technology

Stake Markers are available with encapsulated magnets for easy locating with a magnetic locator.



OPTIONAL
RFID TAG Insert Technology

Read the information on your smartphone.

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Recycled Plastic Stake Marker

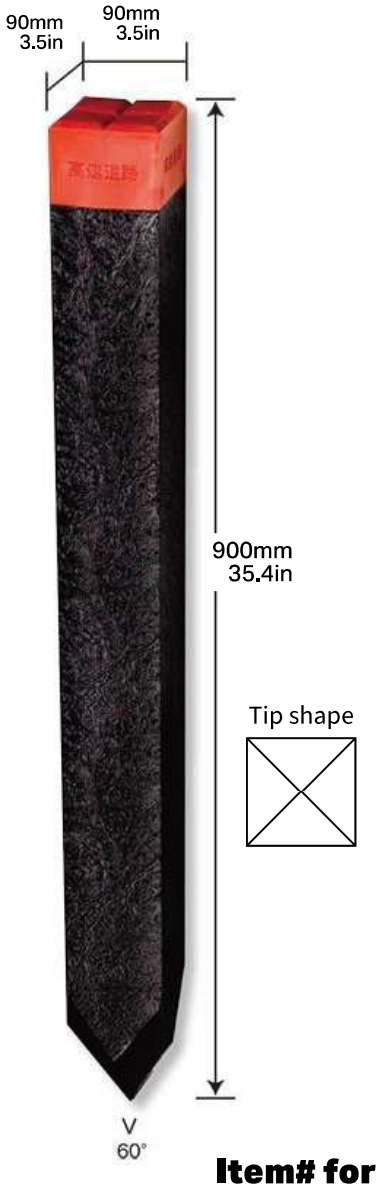
Supplementary 90mm Control Point Marker item# 134-152



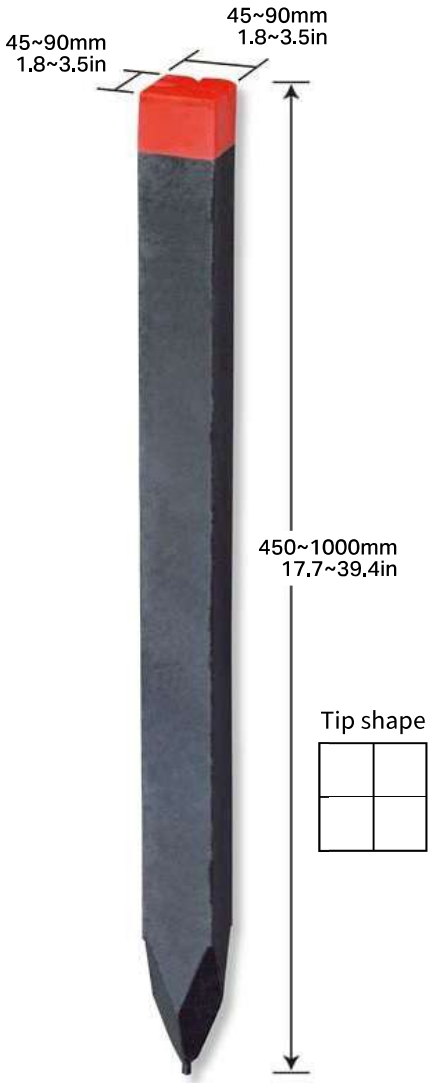
You can choose from the list below to customize the length.

item# 134: 500mm (19.7 in)
item# 135: 600mm (23.6 in)
item# 140: 700mm (27.6 in)
item# 137: 800mm (31.5 in)
item# 139: 900mm (35.4in)
item# 152: 1,000 mm (39.4in)

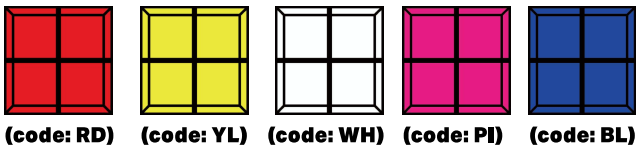
Big Markers item# 155



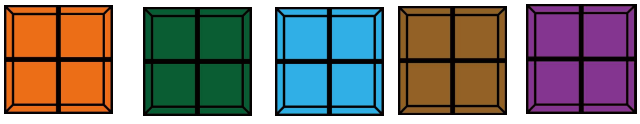
Straight Marker item# 141-168



CAP COLOR OPTIONS



(code: RD) (code: YL) (code: WH) (code: PI) (code: BL)



(code: OR) (code: GR) (code: LB) (code: BR) (code: PL)

Item# for Straight Marker

lengths \ width	45mm(1.77in)	70mm(2.76in)	90mm(3.54in)
450mm(17.7in)	141-450	156-450	154-450
500mm(19.7in)	168-500	156-500	149-500
600mm(23.6in)	153-600	156-600	148-600
700mm(27.6in)	168-700	156-700	144-700
750mm(29.5in)	168-750	156-750	146-750
800mm(31.5in)	168-800	156-800	154-800
900mm(35.4in)	168-900	156-900	145-900
1000mm(39.4in)	168-1000	156-1000	147-1000

SURVEY

RIPRO Corporation, Japan

MADE IN JAPAN

Aluminum Top Series

Recycled Plastic Stake Marker

Aluminum Cap BA45
item# 131



Tip shape



Aluminum Cap BA60
item# 130



Tip shape



CUSTOM TOP

You may add a custom message to the top of the marker head.

Cap Top Design



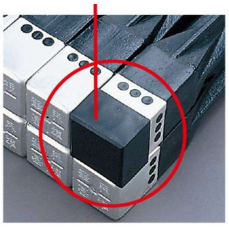
You may add a custom message print to the side of the marker head.





Protect Top Head Design by Aluminum Cap

Protective Cover



One protective cap is included in each package to protect the head from being crushed for driving.
The aluminum cap on the stake makes fire resistant compared to plastic caps.

RIPRO Corporation, Japan

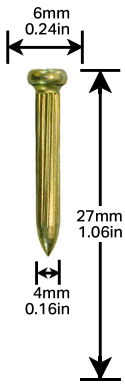
MADE IN JAPAN

Survey Crossnail Marker

Cross nails hold down survey pins and are highly versatile
Available in eight sizes
ECO Features a chrome-free, corrosion-resistant coating



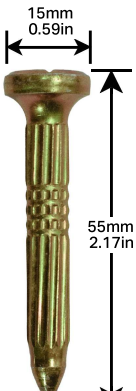
NO.01 item# RPM01



NO.1 item# RPM1



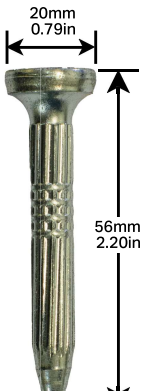
NO.2 item# RP2



NO.3 item# RP3



NO.4S item# RPM4S



Uni-chrome plating

NO.4 item# RPS4



NO.5 item# RPS5



NO.7 item# RPS7

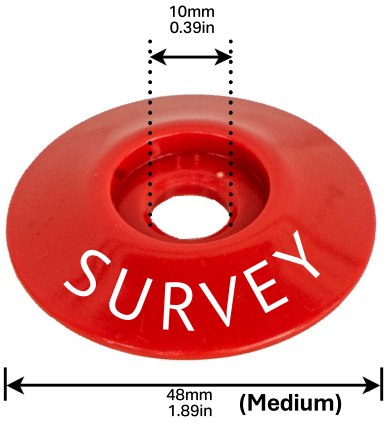




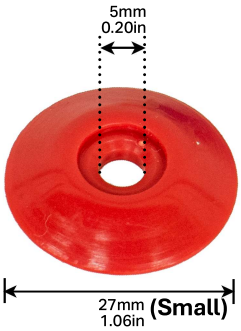
Plastic Washer (With Nail)

Contact us for custom color and lettering requests.

item# PZ3__
Color code in blank



item# PZ2__
Color code in blank



CUSTOM COLOR

Color	code
RED	R
YELLOW	Y
WHITE	W
BLUE	B
GREEN	G
PINK	P
MOSS GREEN	MG





Material: Steel
Body Color: Gold
(Except No.4S)

SURVEY MADE IN JAPAN

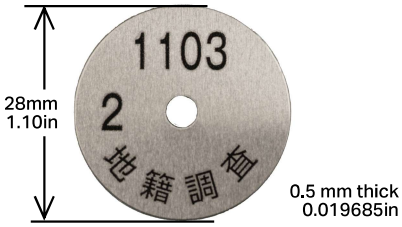
RIPRO Corporation, Japan

Numbering Plate with Nail Marker



Location Number is attached to plates that are used with stakes or nail markers.

Printing Type
item# 870



Laser Type
item# 870L

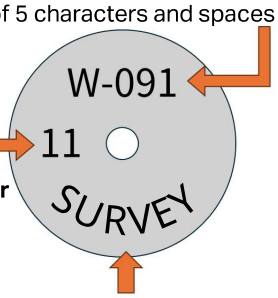


Engraving Image Type
item# 870KOKU



Customizable Design

Serial Number
Total of 5 characters and spaces can be entered



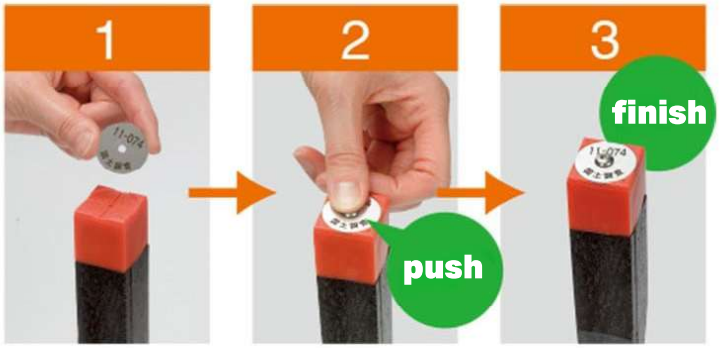
Parcel number
two digits

NAME
Total of 8 characters and spaces can be entered

Easy installation

One-touch pin
KURAGE



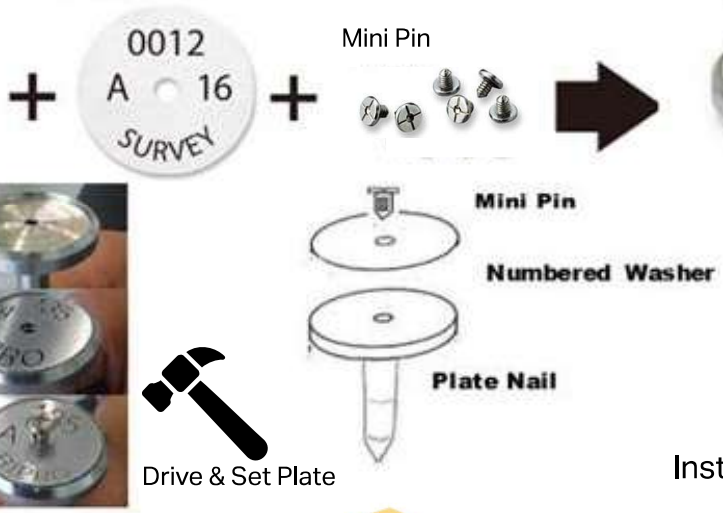


NUMBER PLATE NAIL



Nail Maker
55mm: item# NPNAIL2

Nail Maker
200mm: item# NPNAIL7



Drive & Set Plate



Finished Product



Installation Video
YOUTUBE link

RIPRO Corporation, Japan

MADE IN JAPAN

RIPRO Plastic

Tentative Color Marker "KAGUYA"

Durable Marker
KAGUYA
item#KAGU30PC / KAGU40PC

Yellow

Orange

Red

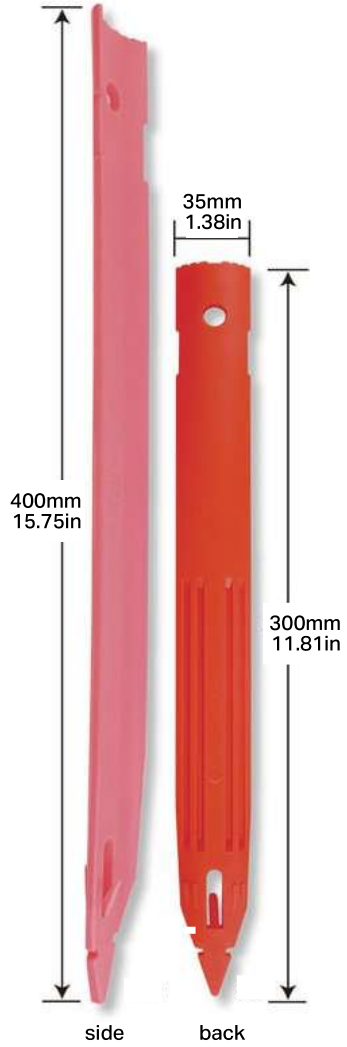
Blue

Green

Pink

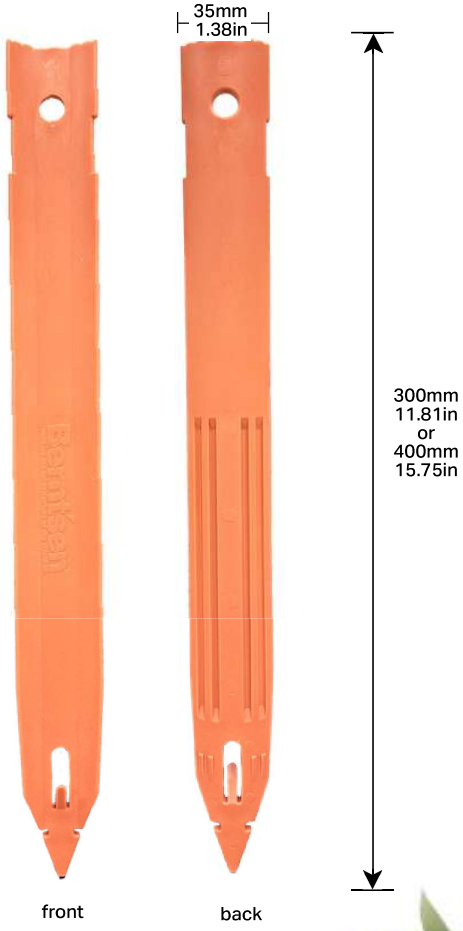
White

Please specify the color when you order.



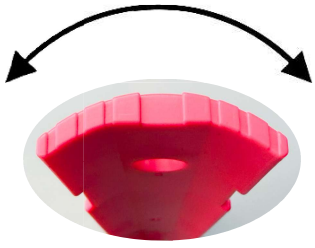
ECO Nature!

ECO Durable Marker
BAMBOO KAGUYA
40% Natural Bamboo! material 60%Plastic
item# T-KAGUYA30 / 40



Durable and flexible

A Half-shape designed for stake strength





Highly visible with our flagging tape

Contains 40% recycled bamboo material

Strong Specification by Bamboo Filler Material
Compared to our conventional products
Flexural strength 1.7 times greater
Flexural modulus 2.5 times greater

SURVEY

Surveying Stake Bag
Made in OKAYAMA,JAPAN

RIPRO Corporation, Japan

MADE IN JAPAN

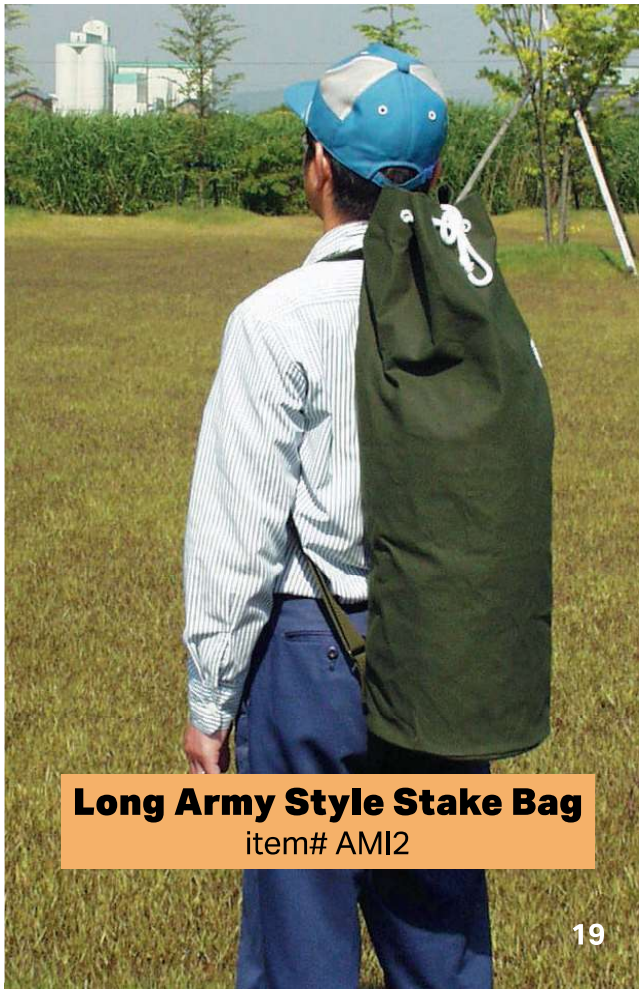


Stake Denim Bag (PILE ZACK)
item# 8800









Long Army Style Stake Bag
item# AMI2

RIPRO
Magnetic Locator

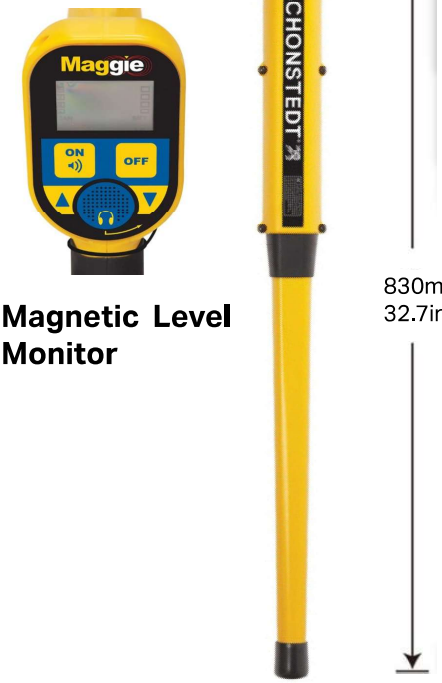
Explore the remarkable power and precision of Schonstedt Magnetic Locators in pinpointing buried iron assets, ranging from tiny property markers to massive tanks





Maggie
item#MAGGIE

Highest Sensitivity



Magnetic Level Monitor

SPOT
item#SPOT

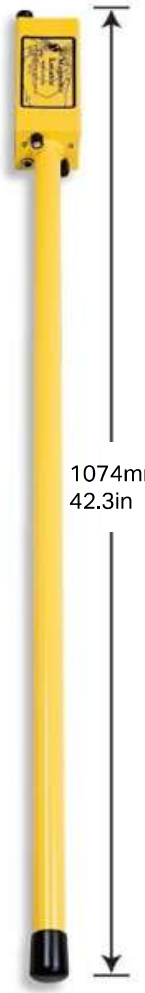
Lowest Cost



Single-Handed Operation

GA-52Cx
item#GA-52CX

Most Rugged



Model:	Maggie	Spot	GA-52Cx
Main user benefit:	Highest performance	Lightweight with simple controls	Most rugged
Audio output	✔	✔	✔
Visual output	✔		
Battery indicator	✔		
Sensitivity indicator	✔		
Sensitivity controls	4 levels	5 levels	5 levels
Headphone compatible	✔		✔

SCHONSTEDT® from RADIODETECTION

Information Video
YOUTUBE link

RIPRO

SCHONSTEDT® from RADIODETECTION

Contribute to Global Peace Demining Efforts



UN Photo / Marco Dormino

Schonstedt Magnetic Locators are designed to accurately and reliably locate buried ferrous metal objects, such as:

- Pipe joints and welds
- Rebar, corner markers, and property pins
- Water box covers and meters
- Septic and fuel storage tanks and lids
- Buried / lost storage drums
- Culverts
- Well casings
- Ferrous waste
- Man-made magnetic utility markers
- Unexploded ordnance, munitions, and weapon detection



Photo credit:
United Nations Mine Action Service

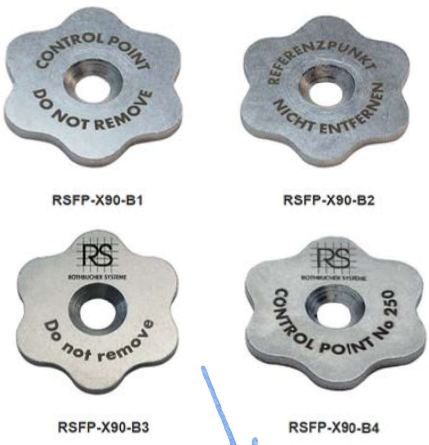
Mirror Target Stake

A Convenient Surveying Target for Use with Boundary Stakes.

RSFP-X90-B fixed points

RSFP-X90-Bprovides a stable, repeatable reference for survey control and instrument or target and adds permanent laser engraving to the proven RSFP-X90 fixed point. These variants help identify and protect important reference points while providing the same precise, repeatable positioning for prisms, scanner targets, GNSS attachments, and other One Point Fits All components.

Base for Various Accessories



RSFP-X90-B1 RSFP-X90-B2 RSFP-X90-B3 RSFP-X90-B4

Surface Concept

ITEM:RSF11
(Magnetic Reference Point)

ITEM:RSM390M
(Magnetic Mini Prism)





RSL-X80
(Laser Scanner Target)



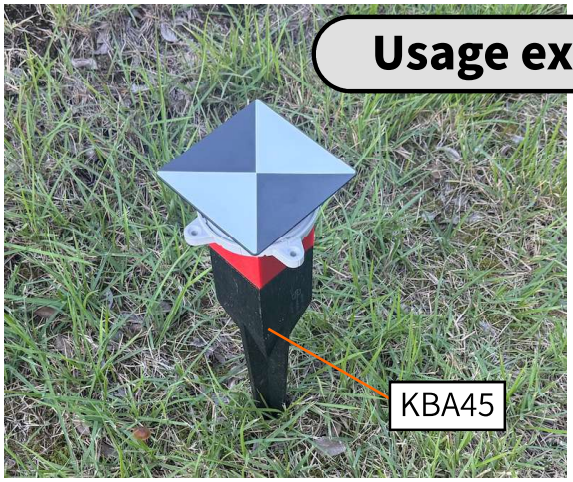
ITEM:RSL590M
(Magnetic Drone Target)

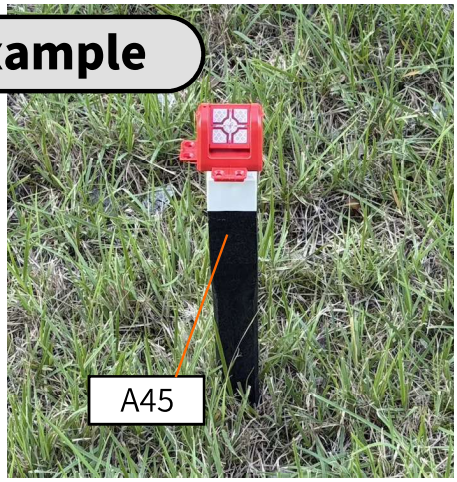


ITEM:RSMP480M
(Magnetic Mini Prism)



Usage example







ITEM:RSLB10M
(Magnetic Laser Scanner Sphere)



Floor Stand

RSFP-X98-3

The RSFP-X98-3 features a standard 5/8-inch connection and is ideal for customers who primarily work with GNSS or GPS antennas, as well as other surveying accessories that use the same connection.

For customers who want to transfer GNSS or GPS coordinates to total stations, laser scanners, drones, or other instruments using the same reference point, the RSFP-X98-2 remains the recommended choice.





ITEM:RSFP-98-4
(Floor Stand)

- **Flex Drone Target**

RSFP-X98-4

The RSFP-X98-4 is supplied with an exchangeable tip, allowing the same floor stand to be used with:

- GNSS and GPS antennas
- Mini prisms
- Refl ective targets
- Laser scanner and LiDAR targets
- Drone and ground-control targets
- Other products from the One Point Fits All system.



ITEM:RSL672M/RSFP-X98-4
(Laser scanner targets) + (Foldable floor stand)



ITEM:RSL462M

RSL462M and RSL463M Laser Scanner Targets

The RSL462M and RSL463M are ideal for customers using a variety of different laser scanners. Both targets feature an offset of +2 mm , a 145 mm target, swivel and tilt functionality, and a magnetic OPFA base.

They are suitable for indoor and outdoor scanning, drone applications, linking multiple scan positions, and assigning spatial references to geospatial data.



ITEM:RSL463M
Laser Scanner Target with Magnetic Base

RIPRO Corporation, Japan

MADE IN JAPAN

SURVEY

Roll Flagging Tape

Prevent losing the location of survey stake marker



PINK type
item# 8790
0.1mm × 40mm × 50m
(0.004in × 1.6in × 164ft)



YELLOW type
item# 8791
0.1mm × 40mm × 50m
(0.004in × 1.6in × 164ft)



PINK type
item# 8785
0.1mm × 30mm × 100m
(0.004in × 1.2in × 328ft)



Dedicated pouch for the tape
item# MPOTIT



Japan Eco Mark Certified

We manufacture survey stakes certified with the Eco Mark, a representative environmental label of Japan.

CONTACT

RIPRO Corporation, Japan

Sales Department
MAIL: order@ripro.co.jp

Headquarters
1186 Nakaune, Minami-Ku, Okayama
701-0213
Phone: +81(0) 86-298-2281
Fax: +81(0) 86-298-2121
email: order@ripro.co.jp

Tokyo Office
1-7-4 Iidabashi,Chiyodaku,Tokyo
Phone: +81 (0) 3-6902-1959

Osaka Facility
3-1 Chikkoshinmachi, Nishi-ku,
Sakai City, Osaka 592-8331
Phone: +81 (0) 72-256-4615

Kyushu Facility
1246-1 Motomachi, TosuCity,
Saga 841-0051
Phone: +81 (0) 942-85-9123

INTERNATIONAL SHIPPING VIA FEDEX

NEW OSAKA SAKAI CHEMICAL FACILITY "SHIP" START 2023!



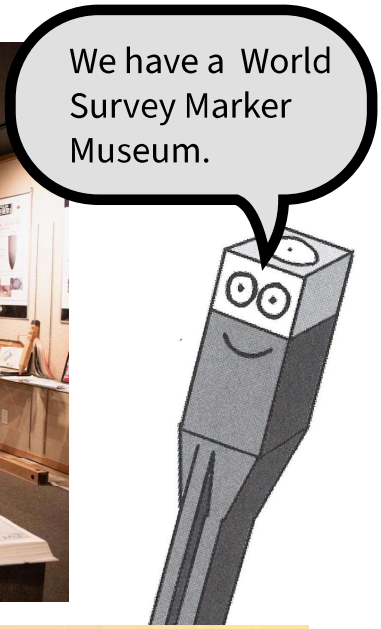
In 2023, we built a new plastic chemical recycling factory in Sakai, Osaka. Through our Eco Initiative, we promote resource recycling and help reduce CO2 emissions. As a manufacturer, we are committed to building a more sustainable future, in line with the SDGs.



RIPRO
Corporation, Japan







8000キロを旅した杭2

クリッターちゃん

USA
PORT ORFORD
HAWAI
JAPAN
OGASAWARA
HYUGA-SHI
GUAM
N
S

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RIPRO

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