RULER CABLE

WATER LEVEL METERS

water level meters provides an accurate measurement method of level meter, usually used for the measurement of water level in the

drilling holes or water level pipe, particularly suitable for hydropower engineering underground water level or artificially inspection dam observation.

This instrument can be used in the construction period, but also can be used as the long-term safety monitoring project. Comply with the dam safety monitoring technology standard

Working principle

The measurement of the water level by the following two parts: 1. Underground material, it is composed by water level pipe and bottom cover (not include in the system,it is need purchased separately) Ground receiver-ruler water level meter, it is composed by detect head, ruler cable, receiver system and cable reel. Detect head: made by steel, inside is a water resistance contact point. When the contact point contact water, the receiver system will open, and when the contact point leave the water,the receiver system will close. Ruler cable: it made by ruler and cable, and use plastic technology keep them together, and avoid the steel corrosion and simple the operation,make the read more convenient and accurate. Receiver system:it is composed by sounder,indicate light. 2 the green button in the panel is test button, when push this button, light on and buzzing, that indicate the circuit is in good condition. Or else, the circuit have problem or the battery has no power.

Use method In measuring, make the cable reel rotate and push the power button,put the detect head in the water pipe, put the ruler cable in hand and make it drop slowly. When the detect head contact point contact water, the receiver system buzzer will sound. Then you can read the data of the ruler cable and can know the water level.(if the surrounding voice is loudly, maybe you can hear buzzer,so you can observe the indicate light and voltage meter)

Maintenance

Because the system use battery to supply power, so when you finish test,you should keep it power off.Power supply is 9V,when it has no power,you should open the cover and change it. After measurement, please keep the detect head and cable clean, cable rolled in cable reel. And put them in a good condition. Unauthorized disassembly of the product, it can not put in water horizontally, the cable cannot bucking,especially the ends. The detect head should carry and put softly and avoid vibration.

Storage

Customer should open the box and check the product when you receive it.
Storage temperature-10~+40℃,humidity less than80%,no aggressive gas.
Product warranty:1year.

strong
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durable

OUR ADVANTAGES

EASY SOLUTIONS

ADAPTABILITY IS ONE OF OUR BEST QUALITESIT PERMIT US TO COPE WITH YOUR REQUE STON A SHORT NOTICE AND EFFEC TIVELY.

NO PRICE FIGHTS

WE ESCAPED THE OLASSICAL REBATE UNTILYOU DROP" POLICY . WE ARE PRICE WISE SINCETHE BEGINNING

HIGH LEVEL EXPERIENCE

QUR TECHNLAL CAPABILITIES HAVE BEENTESTED FOR MORE THAN 30 YEARS ANDINDRECT CONNECTION WITH END USERS . SO TOSAY

ENDLESS INVESTIGATION

WE CONTINUOUSY MEASURE EVERYTHINGTEST . TEST AND TESTAGAIN . THIS HELPS NUNDERSTAND RISKS AND REWARDS . ANDBEPREPARED

NO FORTUNE TELLER

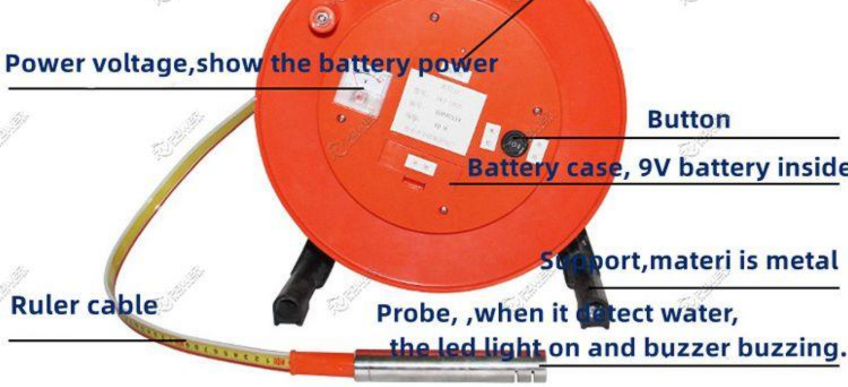
WE BASE OUR DECISIONS ON CLEAR BUSIESSPLANS , THINKING BEFORE MAKING OUR STEPSAND KEEPINGA'NOTTODO LISTFOR EVERY-OVE OF THEM

TEAM BUILDING

OUR TEAMIS MADE NOT ONLY BY OUR STAFFBUTIT INCLUDES ALSO ALL OUR CUSTOMERSWEACT LIKEA TEAM WEGROW LKEA TEAMWE WINLIKE A TEAM

PRODUCT PARAMETERS

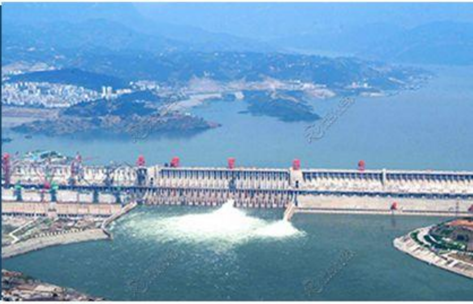
lifting handle
Led light,
when probe contact water,light on


Power voltage,show the battery power
Button
Battery case, 9V battery inside
Support,materi is metal
Ruler cable
Probe, ,when it detect water,
the led light on and buzzer buzzing.

Agricultural Irrigation

River Dam / Embankment

Hydropower Station



Well Drilling
Water Level Pipe

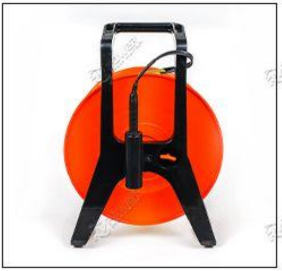
EXCAVATION

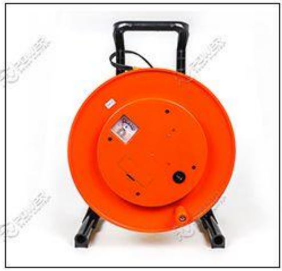
Measuring tape with copper wire specification:

- Tinned copper wire conductor to keep the stable electrical properties
- High carbon stainless yellow colored tape with black scales was easy to read
- Scales in meters or in feet is acceptable, by mm or by 0.01ft
- Special appearance design make the cable hanging straight in the well
- Ruler tape cable resists stretching under loads of 45 kg (100 lbs)
- Standard tapes are printed beneath the jacketing and the print never wears off
- Tape jacket was coating with PE,PU which make it oil and wear resistant
- Ruler tape cable length :20M,30M,50M,100M,200M,300M,500M,600M

Measuring tape with copper wire application:

Widely used in water level meter,construction industry,test equipment,geotechnical investigation ,environmental monitor station and so on.When it connects with a sensor or electrical equipment,it can produce the best quality results.





strong
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durable

CABLES FOR MARITIME AND UNDERWATER TECHNOLOGIES

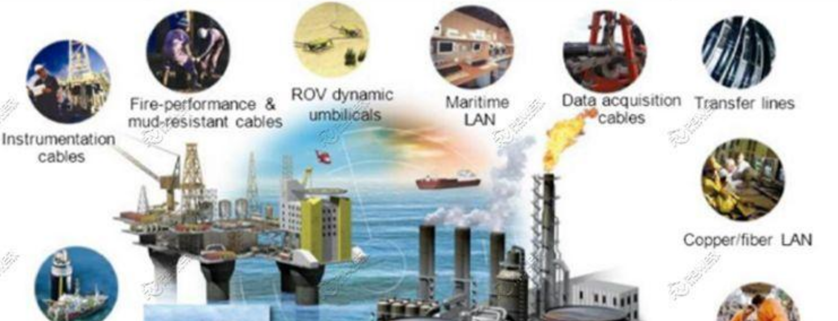
Underwater technology, especially at great depths, is challenging. ROVs, used for underwater inspection, survey and search work,Require cables with high performance and reliability for efficient and accurate control, providing the required strength to support the vehicle.Cables and tethers used for Remotely Operated Vehicles represent the vital connection between the vehicle and the vessel.These products include: neutrally buoyant tethers, Kevlar strength member cables, hybrid cables.

We has many years of knowledge and experience manufacturing cables for the ROV.We offer a complete range of stan-

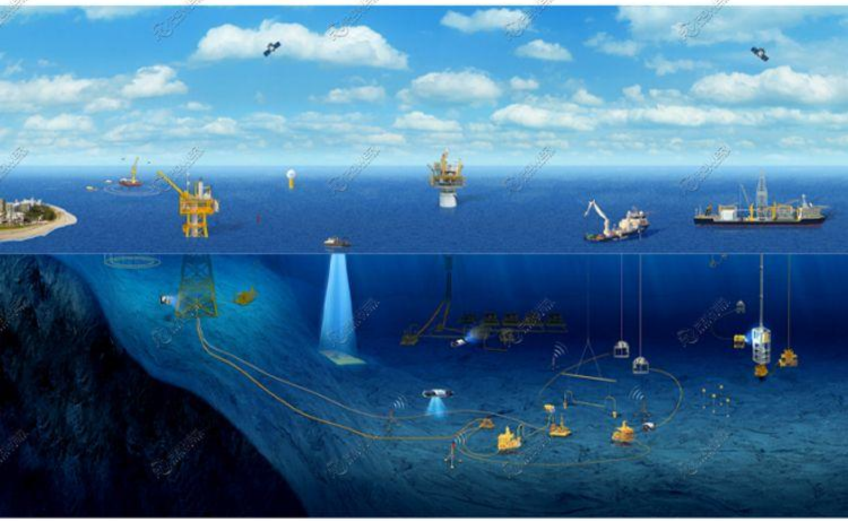
dard communication, video, power and combined service cables, designed to meet the extreme pressures of the subsea environment. Whatever your diving application needs, we can create flexible, cost-effective engineering solutions to suit your requirements and your budget.

SUBSEA CABLES TYPE

- ROV Tether Cable
- ROV Umbilicals Cable
- Diver umbilical
- Pool robotic cleaner cable
- Neutrally Buoyant Cables
- Diver Communications Cable
- Underwater Video Cable – Diver
- CCTV Inspection Crawler Video Cables
- Underwater Fiber Optic Cable
- Underwater Instrumentation Cable
- Underwater Multiconductor Power & Control Cable
- Underwater Ethernet Cable
- Sidescan Sonar Tow Cable
- Coax Oceanoghraphic Tow Cable
- Push-rod Cables
- Polyurethane or Polyethylene Jacketed Cables
- Composite Underwater Communication Cables
- PUR underwater umbilical hybrid Optical
- Custom Cable Designs



Umbilicals
Accessories & custom software
Remote Operated Vehicles
Marine fiber backbones
Heating cables
Optical fiber backbones
LV, MV, HV cables



strong
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durable

RULER CABLE

Teflon coated steel wire ruler cable Ruler cable, High temperature resistant steel tape cable, widely used in water conservancy survey, the dam project, watermark detection,oil level measuring.

Steel Ruler cable, providing us a accurate method of measuring the water level, typically used for measuring wells, drilling and water level tube water level, and also suitable for hydropower projects groundwater level observation and on dam manual inspection.

Steel conductor, PVC Insulation Steel Ruler Cable, Water Leak Detection Ruler Cable

Construction

Copper Conductor Steel

Inuslation LLDPE/F40/F46/PA/PU

Width of Cable 9-15mm

Cable thickness: 0.9-1.0mm

Scale 0-500M

Working Temperature -50 ° C to +300 ° C

Common Type 1

tape cable	width	14.8±0.2mm	max.thickness	2.5±0.2mm	min.thickeness	2.5±0.2mm
tape blade	width	14.8±0.2mm	thickness	2.5mm	material	Stainless steel
conductor	OD	0.28mm	strands	4 core	material	enamelled copper wire
outer sheath material		LLDPE,PU, clear		Tape blade color	Yello	
Common Type 2						
tape cable	width	9.8±0.2mm	max.thickness	2±0.2mm	min.thickeness	1±0.2mm
tape blade	Stainless steel tape color: Yellow, white					
conductor	7/0.2mm TC					
outer sheath	LLDPE or PU jacket					
length	0-300M					

strong
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durable

DETAIL DISPLAY

ONE

1|2 1|3 1|4 1|5 1|6 1|7 1

High accurately

TWO

High tensile strength

56 57 58 59 60 61 62 63 64

12
13
14
15
16
17
18

THREE

Very durable and tough

FOUR

Non-stretch

56
57
58
59
60
61
62
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64
65

77
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79
80
81
82
83
85
86
87

FIVE

Oil and wear resistant

OIL RESISTANT

FLAE RESISTANT

HALOGEN FREE

COLD RESISTANT

ABRASION RESISTANT

OZONE RESISTANT

UV RESISTANT

MICROBE RESISTANT

MUD RESISTANT

WATER RESISTANT