



XIAN HENG INTERNATIONAL



ANHU ELECTRIC

# ***Live Line Tools***

Safe and efficient solutions for live working

ANHU ELECTRIC TECHNOLOGY (HANGZHOU) CO.,LTD.

# Intelligent insulated cable stripper P-IEP-1

## Introduction

Used to strip the insulation outer layer of live insulated cables in the fire area, making the stripping operation easier and safer

50m

### Remote control

Remote control distance greater than 50m, and the remote control has a signal strength indicator function

30  
times

### Long battery life

Fully charged battery can complete 30 peeling operations of 10cm points

2.4kg

### Lightweight

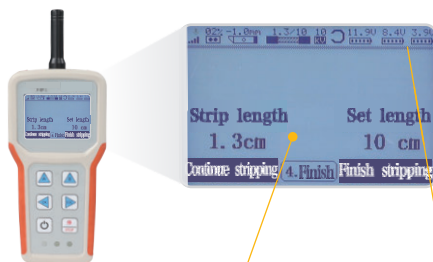
Stripper head is about 2.4kg

## Fully automatic feed system

Sensor recognition, fully automatic peeling, can adaptively peel off the insulation layer with a thickness of 2~7mm without manual assistance

## Intelligently adapts to the cable diameter of overhead lines

Equipped with a mold-free machine adaptive clamping system, which can adapt to  $\Phi 14\sim 32\text{mm}$  overhead cables (50~240mm<sup>2</sup> cable core)



### Preset strip length

Set the stripping length through the remote control before operation, then can strip the corresponding length (measurement accuracy  $\pm 1\text{CM}$ ) through the configured length sensor and cut off the cable layer, and then stop

### Stripper parameter return function

The remote control is equipped with a high-resolution display, which can provide real-time feedback on various key parameters such as battery power, voltage, and stripping progress of the tool, allowing the operator to have a clear understanding of the real-time status of the operation

# Intelligent remote control cutter RHCS-240E

### Introduction

Both the cutting head and connecting parts of the cutter can be rotated. People need not adjust the body position when on the pole, they can quickly align the lead, which is convenient and easy to operate.

Can cut ACSR, copper, aluminum, steel and armored cables, solid structural steel and finely stranded copper cables.

Apply for a patent in 2015.



Handheld method



Insulated hot stick method

Insulated light weight operating rod of the cutter, can increase the operating distance and applied to complex lines, which expands the scope of live work.



Cutting Force	About 60kN
Max Cutting Diameter	Φ32mm
Cutting Time	About 7s
Cutting Times Available of the Battery	About 150 times (depending on material)
Battery Voltage	DC18V
Remote Control Distance	≥50m
Weight (including battery)	About 2.6kg

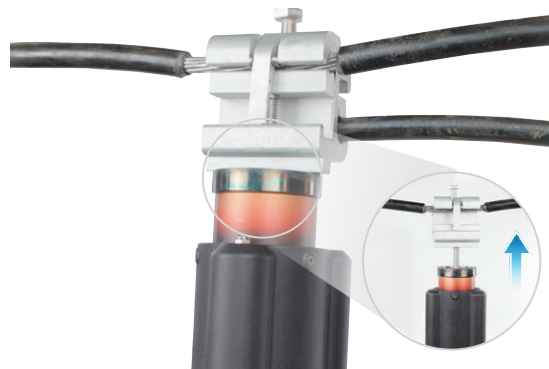


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# Battery powered shotgun stick P-IESQ-1

## Introduction

For installing cable clamps during live work, reducing manual operations, easily fixing cable clamps, and ensuring line safety.



### Traditional tools

- X** Manual operation, time-consuming and labor-intensive
- X** Uneven stress and potential line hazards
- X** Manual rotation, difficult to operate
- X** Angle is fixed



### Electric shotgun stick

- ✓** Electric operation, fast and labor-saving
- ✓** Even stress to ensure line safety
- ✓** Remote control, one-button tightening
- ✓** Angle is adjustable, flexible to use



Torque	165Nm
No-load Speed	0-2400rpm
Impact Number	0-3200ipm
Application Range	Special-shaped cable clamps, throat cable clamps, etc
Rated Voltage	DC 10.8V-12V
Remote Control Distance	≥50m
Weight (including battery)	2.0kg

# Wireless remote control battery powered wrench RHFS-21

## Introduction

At present, live construction requires manual operation by insulated hot stick in many cases, which is difficult, time-consuming and labor-intensive, and has low efficiency. The wireless remote control electric wrench, on the basis of ensuring safety and reliability, links the electric tool with the insulated hot stick, effectively reducing the work intensity of the operator and improving work efficiency.

Applied for a patent with State Grid in 2015.



### Traditional tools

- ✗ Manual operation, time-consuming and labor-intensive
- ✗ Insufficient torque, loose bolts, and potential hazards
- ✗ Manual rotation, difficult to operate
- ✗ Operating head direction is unchangeable
- ✗ Primitive method, difficult to improve



### cableless remote control electric wrench

- ✓ Electric operation, light weight, fast and labor-saving
- ✓ Sufficient torque, tightened bolts to ensure line safety
- ✓ Remote control, one-button tightening
- ✓ Operating head angle is adjustable, flexible to use
- ✓ Expanded functions (camera, anti-accidental touch alarm)



	RHFS-18	RHFS-21
Torque	250Nm	165Nm
Bolt Diameter	M10-M18	M8-M16
No-load Speed	0-1100rpm	0-2400rpm
Remote Control Distance	≤40m	≥50m
Weight (including battery)	1.58kg	1.0kg

# Battery powered remote control insulated clamp D-JQ-1

## Adjustable clamping torque

The clamping torque can be set in three levels through the remote control, easy to clamp cables of various diameters

## Fully insulated body

Main body is made of high-strength insulating plates combined with high-strength engineering plastics. It has high structural strength and light weight, which greatly improves the insulation performance

## Motor driven clamping method

Clamp is directly driven by a motor and a high-precision planetary reducer. With large clamping force, built-in mechanical self-locking, high efficiency, easy and reliable to operate

## Adjustable axial angle

The clamp jaw direction can be adjusted arbitrarily through the universal head, which facilitates operation in various complex sites and greatly enhances the applicability of this clamp



Applicable Live Work Method	Ground potential, intermediate potential
Applicable Cable Outer Diameter	≤30mm
Applicable Cable Types	Various 10kV insulated cables and bare cables
Voltage	DC12V
Peak Power Consumption	30W
Remote Control Distance	≥50m
Weight (including battery)	1.5kg

## Wireless remote control hot-line work crimper(10kV) XT-YJ-2

Application: for live work crimping

1. Open rotatable C-type crimping head
2. Built-in safety valve
3. Which can automatically release pressure when pressure reaches the maximum
4. Wireless remote control for easy operation



Output	6t
Weight	about 3.69kg (including battery and die)
Standard Dies	50~300mm <sup>2</sup> (8 pairs)
Opening	29.5mm

## Insulated blanket FLEIB-8-10

EVA material has moderate mechanical strength and is soft and comfortable. The insulation performance is outstanding, and the yellow protective layer on the surface has excellent scratch resistance. And the unique granular texture on the surface can provide a good hand feel and prevent slipping.



Size	800x1000mm
AC Test Voltage	20kV/3min
Max Operating Voltage	17000V

## Velcro style insulated blanket

EVA material, soft and comfortable, with moderate mechanical strength and outstanding insulation performance. The Velcro edges design is easy for operation and construction. The size can be customized according to needs.

ZB-EVT-04

ZB-TMT-04



Size	800x1000mm
Material	EVA
Applicable Voltage Level	1000V
Test Voltage	5kV/1min



## Insulated shawl FLEIS 10

1. EVA material, with good insulation performance and moderate mechanical strength, each product passed strict testing before leaving the factory.
2. Suitable for aerial lift truck operation.



Size	S/M/L
AC Test Voltage	20kV/3min
Max Operating Voltage	17000V

## Anti arc clothing ARC-DSK-8

1. Fabric fiber: flame retardant raw materials
2. Component: jacket+pants
3. The fabric is wear-resistant, stable at high temperatures and has excellent mechanical properties.



Application Environment	Open space
Size	170-185
Anti Arc Performance	> 8cal/cm <sup>2</sup>

## Anti arc clothing ARC-DSK-27

1. Fabric fiber: flame retardant raw materials
2. Component: jacket+pants
3. The fabric is wear-resistant, stable at high temperatures and has excellent mechanical properties



## Anti arc robe ARC-DD-27

1. Fabric fiber: flame retardant raw materials
2. The fabric is wear-resistant, stable at high temperatures and has excellent mechanical properties



Application Environment	Confined space
Size	170-185
Anti Arc Performance	> 27cal/cm <sup>2</sup>

Application Environment	Confined space
Size	170-185
Anti Arc Performance	> 27cal/cm <sup>2</sup>



## Anti arc helmet ARC-DDTK-27

1. The advanced permanent anti fog coating can be used at  $-40\text{ }^{\circ}\text{C}$
2. 28CAL anti arc helmet and a scarf made of grade 3 anti electric fabric provide comprehensive protection for the head



Color Rendering Index/Grade	> 93%/klasse 1
Electrical Insulation Protection Ability	1000V
Arc Resistance Performance	28cal/cm <sup>2</sup>

## Full coverage anti arc helmet ARC-DTK-41

Features: adopting a closed face mask and a fully enclosed scarf made of flame retardant raw materials, it has superior protective performance



Weight	1.1kg
Electrical Insulation Protection Ability	1000V
Arc Resistance Performance	41cal/cm <sup>2</sup>

## Anti arc gloves ARC-DH-27

Description: long anti arc gloves, easy to wear with excellent insulation performance, suitable for winter



Size	Free size
Color	Dark blue
Arc Resistance Performance	27cal/cm <sup>2</sup>

## Anti arc shoe cover ARC-DF-27

Description: a long leg brace, paired with the arc resistant robe, provides sufficient protection for the lower legs and feet of human body



Size	Free size
Color	Dark blue
Arc Resistance Performance	27cal/cm <sup>2</sup>



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## Bypass cable terminal head FL-ZRK15

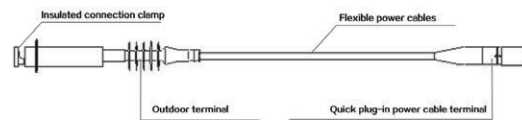


## Bypass drop cable FLYX15/200

1. Quick plug-in power cable terminal
2. Flexible power cables are connected to outdoor terminals through insulated connection clamps

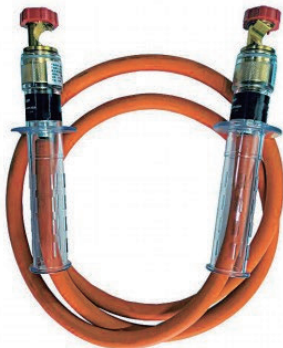


## Bypass cable connector FL-TR15



## Transparent insulated jumper group FTXDL15/300(3M)

Product description: the conductor is made of tin plated annealed soft copper conductor, the conductor comply with the provisions of the fifth type of soft copper conductor in GB/T 3956-2008. The insulation made of ethylene propylene rubber, and the insulation performance meet the requirements of EPR insulation mixture in GB/T 12706.2-2020. The color is orange. Insulation has oil resistance, heat resistance, moisture resistance, ozone resistance, and wear resistance. The jumper clamp is made of transparent insulation material, which facilitates the observation of the connection between the cable and the clamp, avoiding cable detachment during operation.



Length	3m
Cross-sectional Area	70mm
Max Current Load Capacity	300A
Max Operating Voltage	15kV
Note: The length can be customized	

## Puncture resistant gloves

### FL-SG01

1. Leather material: soft and lightweight, providing wear-resistant protection for insulated gloves
2. Function: insulated rubber gloves anti puncture



## Blanket clip

### F05

Suitable for fixing various types of insulated blankets



Color	Green
Size	140mm

## Insulated glove gas-filled detector

### F99

OSHA 1910.137 stipulates that insulation equipment should be inspected before daily use and any suspicious accidents that have caused damage should be immediately followed up. Insulated gloves must be filled with gas for inspection before use.

F99 is a simple and easy-to-use portable glove inflation pump, providing the best method for inspecting insulated gloves at the workplace. When inspecting, fix the insulated gloves with nylon straps and then fasten them with self-adhesive straps. Push the inflation pump against any surface and pump air into the syphon bellows to inflate the gloves.

Attention: the expansion of type I insulated gloves should not exceed 1.5 times the normal size, while type II SALCOR insulated gloves should not exceed 1.25 times the normal size



Weight	0.95kg
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