

10-35KV Cable Preparation Set

RD139



Safety Operating & Maintenance Instructions must be followed
RD139 10-35KV Cable Preparation Set

Specifications and Parameters

Model	RD139	
Name	10-35KV cable preparation set	
Parameters	NO. 1	Portable toolbox
	NO. 2	Name : cable jacket stripper Application: Strip jacket of 3-core cable Model : CST622 Applicable cable Dia.: ≥25mm Cutting thickness: 5mm
	NO. 3	Name: Strippable Semi-con stripper Application: To strip 10kV Strippable Semi-conductor Model : CST640 Applicable cable Dia.: 20 - 41 mm Operation: Easy with left-hand screw & right-hand screw Adjustable cutting depth, max. 2mm, Adjustable range of rotary knob is 0 - 0.9 mm Each adjustable depth is 0.1 mm, Replaceable blade The blade depth can be adjusted during advancing
	NO. 4	Strippable Semi-con smooth plier Model: MP-5L Use it together with CST640 strippable semi-con stripper to strip quickly.
	NO. 5	Name : Non-Strippable Semi-con Stripper Model : CST235 Application: 20KV, 35KV non-strippable semi-conductor With chamfer on blade, leaving chamfer on semi-conductor Slice and rotary cutting function Replaceable blade Stripping depth: 0-1.5mm Applicable cable dia.: 30-54mm Weight: 0.8kg Advantage: fixing on the cable firmly, strip easily in -10°C

	NO. 6	Name : Main insulation layer stripper Applied to strip 10kV, 20kV, 35kV main insulation layer Model : CST531 Slice and rotary cutting function, blade angle adjustable Replaceable blade Stripping depth: 0-12mm Applicable cable dia.: 15-54mm Weight: 1.0kg
	NO. 7	Name: Insulation Chamfer Tool Applied to XLPE cable diameter Φ 15 - 60mm insulation layer chamfer under 35kV Model: CST240 Max. size of rotation: 200 mm
	NO. 8	Name : curved electrician knife Model : 42LB101 Material : 420 steel Overall length : 195mm Blade length : 60mm
	NO. 9	Advanced cut-resistant gloves

Operation Instructions

Please read this instruction manual carefully before using the tool.

1. 10-35KV Cable Preparation Set Instruction Manual

It tells you how to operate the tools and reminds you the dos and don'ts, so you can use it correctly.

2. Portable Hand Toolbox

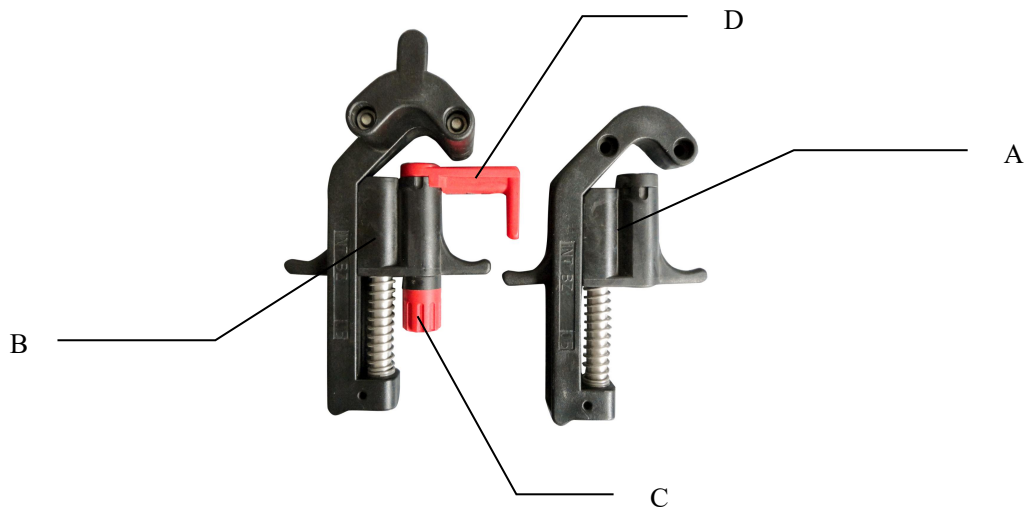
3. CST622 Cable Jacket Stripper



How to use

- 1) Pull the knife out of the main body.
- 2) Put the handle at the end of the cable in parallel with it, hook the cable jacket with the blade.
- 3) Use the device in the main body to adjust the blade thickness in line with the cable jacket and then hook the object to be cut.
- 4) Use one hand to press down the extended part of the main body, another hand to move the handle up and down to push the unidirectional ratchet forward to cut the object.
- 5) After reaching the required length, rotate the tool 90° to continue cutting, then the cable jacket can be stripped easily without hurting other structures. It is especially suitable for 10-35KV medium-voltage cables.
- 6) If the middle part needs to be stripped, the cable jacket thickness needs to be adjusted before stripping. Press the tool with your thumb at the stripping place, first cut horizontally and then vertically. You do not need to pull the tool out until it is completed.

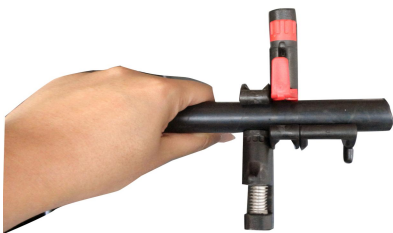
4. CST640 Strippable Semi-con Stripper



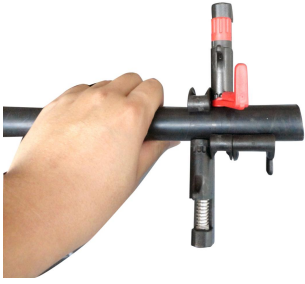
How to use:



Grip the cable outer semi-con layer with locator A and stripper B according to the outer semi-con layer stripping length.

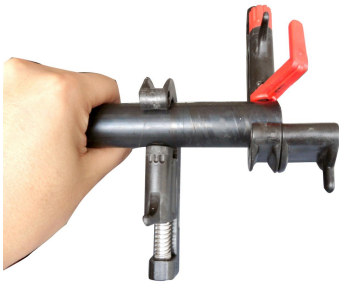


Adjust the blade depth switch C to the required spot and then rotate stripper B, leave a 360° cutting mark on the cable outer semi-con layer.



3)

Open the spiral control switch D for 15°.



4)

Rotate stripper B outward to cut in spiral.



5)

Use the smooth plier to strip the outer semi-con layer.

5. MP-5L Strippable Semi-con Smooth Plier



Use it together with CST640 strippable semi-con stripper to strip quickly.

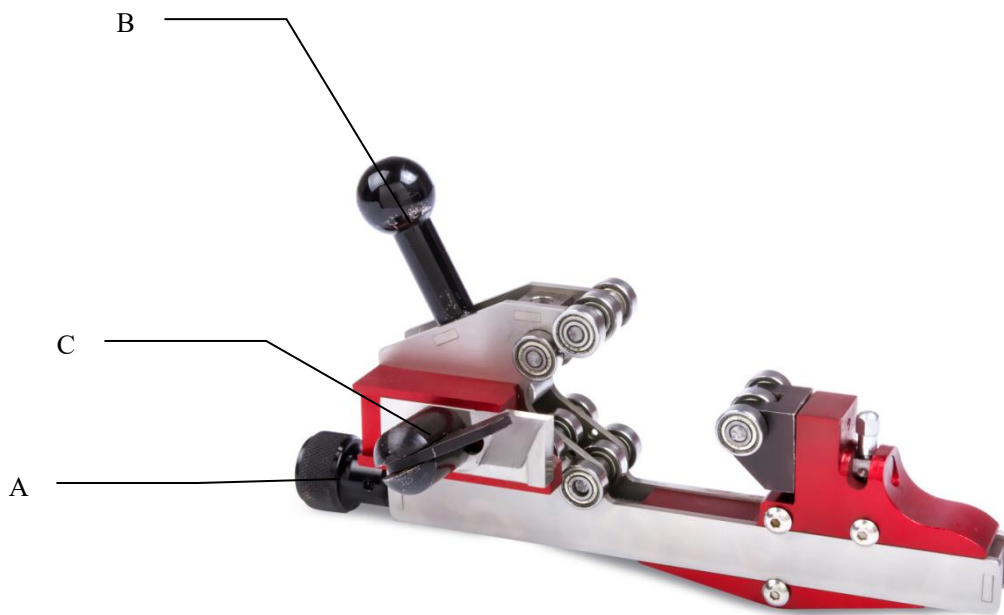
6. CST235 Non-Strippable Semi-con Stripper



How to use

- 1) Rotate switch A, open the clamp, put the cable end into the clamp, tighten switch A up to grip the cable firmly.
- 2) Rotate switch B to make the blade near the cable outer semi-con layer. When the blade completely fits the layer, rotate a little bit more and then strip one layer. If the layer is not stripped completely, advance the blade a bit more, until the layer is stripped completely or to the place required.

7. CST531 Main Insulation Layer Stripper



How to use

1)

Rotate switch A, open the clamp, put the cable end into the clamp, tighten switch A up to grip the cable main insulation layer firmly.

2)



Rotate switch B to stretch the blade out, adjust the blade to make it in between the main insulation layer and the inner semi-con layer.

3)

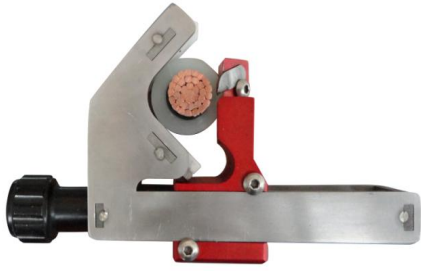
Adjust advancing blade switch C, choose a proper rate and then start stripping. When the blade reaches the required stripping point, adjust switch C to zero. The stripping result is shown as follows.



8. CST240 Insulation Chamfer Tool



How to use



- 1) Rotate switch A, open the clamp to grip the cable main insulation layer, tighten the clamp up to grip the cable firmly.



- 2) Rotate the tool and then the blade will form a chamfer in main insulation end.

9. 42LB101 curved electrician knife



Made by special steel, the blade hardness is 54 HRC with excellent cutting performance, sand processed, imported rosewood handle.

10. Advanced Cut-Resistant Gloves



Maintenance

■ Keep the tools clean. If the cut cable bits are left in the tools, it will influence the cutting result and the working life of the tools, or even damage the tools.

■ Do not put the tools in places where it is too hot, too wet or has long term sunshine.

■ Advised working conditions temperature: -10°C ~ 40°C.

■ Do not crash or collide the tools to keep them in good conditions.