

Cold Welding machine

1. Overview

The cold welder is a tool to joint non-ferrous metals and their alloys without using heat, fillers or fluxes. Round wire sections, dissimilar materials and materials of different sizes can all be welded. The wires after welded remains the performance, the tensile strength even become stronger and the resistivity will not become larger than the original wires. So this cold welding has advantages compared to other ways.

Copper wires and its alloys can be welded is from $\phi 0.05$ to 25mm,

Aluminum wires and its alloys can be welded are from $\phi 0.08$ to 35mm.

2. Classification & Main technical parameters

Hand held series



Model: LT-10A/LT-10 Hand held type cold welder

Scope of wires:

LT-10A Cu: $\phi 0.05\text{mm}$ ~ 0.50mm

Al: $\phi 0.06\text{mm}$ ~ 0.50mm

LT-10 Cu: $\phi 0.08\text{mm}$ ~ 0.50mm

Al: $\phi 0.08\text{mm}$ ~ 0.50mm

Frame type: Precise compression casting

Dimension: L190 x W50 x H60mm

Weight: 0.7kg

Supporting Die:
DM-1 Model



Model: LT-1D Hand held type cold welder

Scope of wires: Cu: $\phi 0.12\text{mm} \sim \phi 0.60\text{mm}$

Al: $\phi 0.12\text{mm} \sim \phi 0.65\text{mm}$

Frame type: Stainless steel

Dimension: L150 x W65 x H90mm

Weight: 1.1kg

Bench type series



Model: LTJ1-A Bench type cold welder

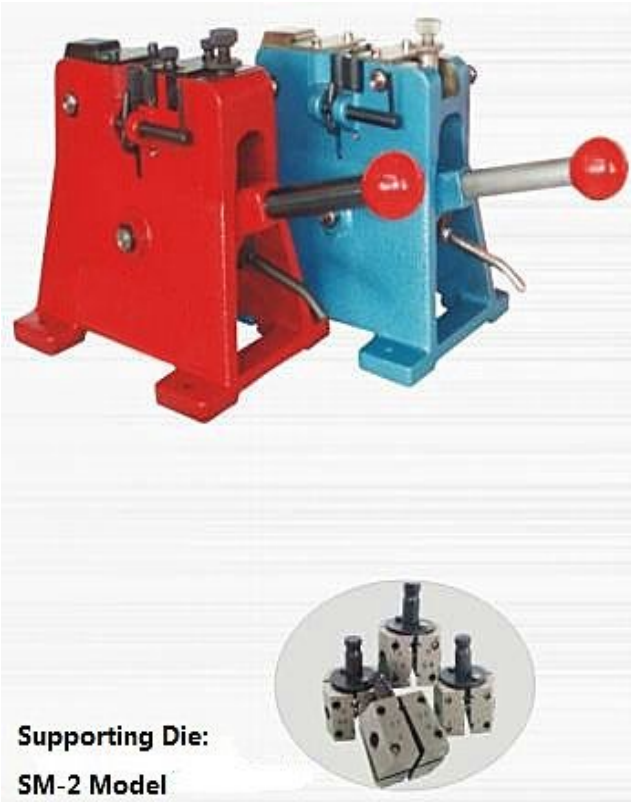
Scope of wires: Cu: $\phi 0.10\text{mm} \sim \phi 0.50\text{mm}$

Al: $\phi 0.10\text{mm} \sim \phi 0.50\text{mm}$

Frame type: Precise casting

Dimension: L250 x W65 x H145mm

Weight: 3.2kg



Model: Bench type III cold welder

Scope of wires:

LTJ2: Cu: $\phi 0.30\text{mm} \sim \phi 1.20\text{mm}$

Al: $\phi 0.30\text{mm} \sim \phi 1.30\text{mm}$

LTJ2-A Cu: $\phi 0.25\text{mm} \sim \phi 1.30\text{mm}$

Al: $\phi 0.30\text{mm} \sim \phi 1.50\text{mm}$

LTJ2-B Cu: $\phi 0.25\text{mm} \sim \phi 1.50\text{mm}$

Al: $\phi 0.30\text{mm} \sim \phi 1.65\text{mm}$

Frame type: Precise casting

Dimension: L250 x W65 x H145mm

Weight: 12.8kg



Model: Bench type III cold welder

Scope of wires:

LTJ3: Cu: $\phi 1.00\text{mm} \sim \phi 3.25\text{mm}$

Al: $\phi 1.00\text{mm} \sim \phi 4.50\text{mm}$

LTJ3-A Cu: $\phi 0.90\text{mm} \sim \phi 3.50\text{mm}$

Al: $\phi 0.90\text{mm} \sim \phi 5.00\text{mm}$

LTJ3-B Cu: $\phi 0.80\text{mm} \sim \phi 4.00\text{mm}$

Al: $\phi 0.80\text{mm} \sim \phi 5.50\text{mm}$

LTJ3-D Cu: $\phi 0.70\text{mm} \sim \phi 4.50\text{mm}$

Al: $\phi 0.70\text{mm} \sim \phi 6.30\text{mm}$

Frame type: Precise casting

Dimension: L280 x W184 x H281mm

Weight: 34kg



Model: Bench type III cold welder

Scope of wires:

LTJ4-A: Cu: $\phi 0.70\text{mm} \sim \phi 4.5\text{mm}$

Al: $\phi 0.70\text{mm} \sim \phi 6.0\text{mm}$

Frame type: Precise casting

Dimension: L320 x W206 x H352mm

Weight: 42kg

Hydraulic cold welding machine



Model: LT-AC1208 Hydraulic cold welder

Scope of wires: Cu: $\phi 3.00\text{mm} \sim \phi 8.00\text{mm}$

Al: $\phi 3.00\text{mm} \sim \phi 11.00\text{mm}$

Frame type: Precise casting

Electrical power: 2.2KW

Oil temperature: $\leq 65^\circ$

Oil Return pressure: 0.5~0.8Mpa

Rated pressure: 380V/50Hz

Work pressure: 4.0~4.5Mpa

Dimension: L1300 x W730 x H1050mm

Weight: 580kg



Model: LT-AC1510 Hydraulic cold welder

Scope of wires: Cu: $\phi 3.00\text{mm} \sim \phi 10.00\text{mm}$

Al: $\phi 3.00\text{mm} \sim \phi 15.0\text{mm}$

Frame type: Precise casting

Electrical power: 4~2.2KW

Oil temperature: $\leq 65^\circ$

Oil Return pressure: 0.5~0.8Mpa

Rated pressure: 380V/50Hz

Work pressure: 4.0~4.5Mpa

Dimension: L1300 x W730 x H1200mm

Weight: 650kg

3. **Package mode:** Carton or wooden case. (The inspection and shipment cases)





LT-1D



LTJ2-B



LTJ3-B



LTJ4-A



LT-AC1510



4. Commercial items

Payment Items

30% of total amount should be paid by T/T upon the confirmation of order.

70% of total amount should be paid by T/T at sight prior to delivery.



达普电缆技术有限公司

LINT TOP CABLE TECHNOLOGY CO., LTD.

Delivery time: Within 15 days after the receipt of the down payment.

Warranty: 12 months.

LINT TOP welcomes to regular and new customer to inquiry and purchase cold welder.

We will give your best offer as per your final confirmation.

Best wishes your business will be more and more prosperous!

Thank you!!!