LY-03C Insulated Terminal & Connector Crimping Tool

0.5–6 mm² | [AWG 22–10] | Ratchet Action | 230 mm



1. GENERAL DESCRIPTION

The LY-03C is a ratcheting hand crimping tool for insulated terminals and connectors on wire from 0.5 to 6 mm². Colour-coded oval crimping cavities (red, blue and yellow) match the common insulated terminal sizes, and the ratchet ensures a full crimp cycle for consistent results. Steel construction with cushioned, ergonomic handles for comfortable use on site or at the bench.

2. KEY FEATURES

- Ratchet-controlled crimping — full cycle for a consistent crimp every time
- Three colour-coded cavities: red 0.5–1.5 mm², blue 2.5 mm², yellow 4–6 mm²
- Oval-shaped crimping dies for insulated terminals; [terminal can be inserted from either side — confirm]
- [Adjustable ratchet tension and release lever — confirm]
- Steel construction with cushioned ergonomic handles

3. APPLICATIONS

- Crimping insulated terminals and connectors [ring, spade, pin, butt]
- Residential, commercial and industrial electrical installations
- Automotive wiring and electrical repairs
- Panel wiring and maintenance by electricians and technicians

4. COMPATIBLE TERMINALS & WIRE SIZES

- Insulated terminals and connectors, 0.5–6 mm² (DIN)
- Red cavity: 0.5–1.5 mm² (AWG 22–18)
- Blue cavity: 2.5 mm² (AWG 16–14)
- Yellow cavity: 4–6 mm² (AWG 12–10)
- Intended for insulated terminals; not for RJ45 / modular plugs

5. TOOL SPECIFICATIONS

Model	LY-03C
Function	Ratchet crimping of insulated terminals
Compatible Terminals	Insulated terminals and connectors, 0.5–6 mm²

Die Type	Oval-shaped crimping dies, 3 cavities
Action	Ratchet-controlled
Adjustment	[Adjustable ratchet tension — confirm]
Release Lever	[Yes — confirm]
Body / Handle	Steel body; cushioned ergonomic handles
Colour Coding	Red / Blue / Yellow cavities
Supplied With	[Tool only]

6. USAGE & MAINTENANCE

- Select the cavity that matches the terminal colour and wire size (red, blue or yellow).
- Strip the wire to the length recommended by the terminal manufacturer and insert it fully into the terminal barrel.
- Position the terminal barrel in the cavity, then squeeze the handles fully until the ratchet releases.
- Pull on the wire to check the crimp; if it is loose, cut off the terminal and re-crimp with a new one.
- Do not use for wire above 6 mm², or on RJ45 / modular plugs; this may damage the dies.
- Keep the dies clean and store the tool in a dry place when not in use.