TR-490 Ratchet

Tool Capability:
Crimps barrel and insulation grip independently on No.
22–10 AWG (0,35–6,0 mm²) insulated and non-insulated terminals and connectors: nylon or
vinyl insulated, butted
or brazed seam.

Crimping Dies:
Insulated No. 22–18 AWG (0,35–0,97 mm²) red color coded.
Insulated no. 16–14 AWG (1,3–25 mm²) blue color coded.
Insulated No. 12–10 AWG (4,0–6,0 mm²) yellow
color coded.
Non-Insulated No. 22–14 AWG (0,35–2,5 mm²).
Non-Insulated No. 12–10 (4,0–6,0 mm²).

Field Re-calibration: Calibration adjustment of ratchet
can be accomplished in the field. See calibration and maintenance instructions
packaged with the tool.

Positive Closure: Ratchet requires full closure of handles
to ensure proper crimp. Ratchet release lever allows removal of misplaced
terminals.

Materials and Finish: Hardened steel jaws and handles with corrosion
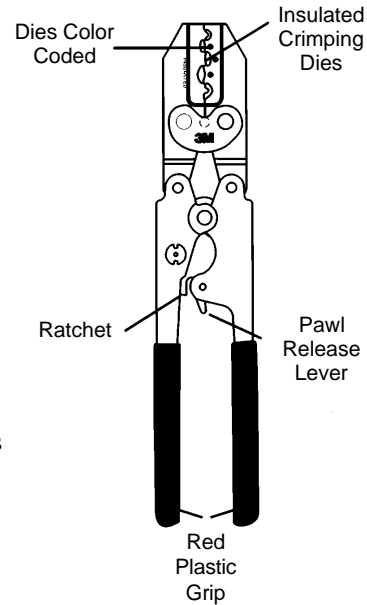resistant finish.

Weight: 0.8 lbs.

Grip: Plastic, red color.

Specifications:
Non-insulated and insulated terminals and connectors from 22–10 AWG shall be crimped with a positive action (ratchet) tool and be UL Listed with that tool. Non-insulated die shall be of an indent shape and insulated die shall be of a flat, smooth shape capable of crimping pre-insulated vinyl and nylon terminals and connectors. Dies shall be marked with the appropriate wire range and insulated dies shall be color coded: red for 22–18 AWG, blue for 16–14 AWG, and yellow for 12–10 AWG. The tool shall be compound lever type with a ratchet mechanism to insure positive closure for full crimping cycle. Tool shall be capable of field adjustment to proper calibration with common tools and materials specified in the maintenance and calibration section of the instruction booklet provided with the tool. The manufacturer shall provide a guide for maintenance procedure and instructions to field inspect for specified die gaps. Jaws
shall be hardened steel and coated with a corrosion resistant finish. Tool shall be a 3M Scotchlok TR-490.

   3M Terminals and Connectors are ULListed and CSACertified with the TR-490. For specific tooling information, see Tool Selection Guide in the the Appendix.

Product	UPC (054007-)	Wire Range	Tools/ Carton	Tools/ Case
TR-490	70481	22-10	1	10