

GENERAL INFORMATION

Crimping tool model :YJQ-H2Q-2.5,applied to crimp the ϕ 2.5 contact of sheath , crimping outer diameter: ϕ 4mm , Advice selector:SEL.6.Initial crimped item should be tested in tension and electric performance before batch production.

WORKING PRINCIPLES

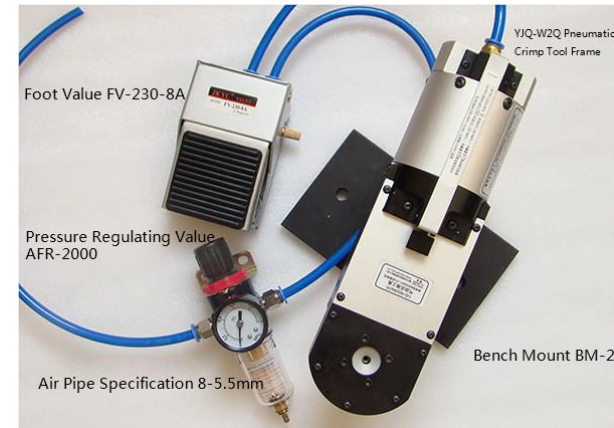
- 1.The crimping tool adopts curve propulsion mechanism, its applied force transfers through four curves in the head cavity of the right plier handle to the four indenters.The four indenters do the centripetal linear motion, which makes its front-end teeth crimp the contact to complete the crimping process.The cycle controlled precision ratchet assures the consistency of impression and the crimping quality of wires and contacts.
- 2.Ratchet and rack match up the self-locking mechanism ensure the accordance of each crimping.Lack of air pressure or short of air supporting time will cause the tool not be able to crimp properly, the press mould can not return to the correct place because of the self-locking mechanism.By adjusting air pressure or increase the air supporting time, the press mould will arrive to the correct place, the problem can be solved.
- 3.This crimping tool has eight working selections.The diameter of the selectors from biggest to smallest reduce 0.05mm successively.Continuous adjustment is applied to cope with system error and using damages.Usage : Firstly, take out the locking pin, lift up the select knob and rotate, make sure the pointer align with the desired selection, then put down the select knob, start crimping the contacts.
- 4.This crimping tool should be used with customized positioner that has continuous and adjustable crimping position and the pitch of screw thread is 1mm and a 1mm positioning height change after rotation per circle.

CAUTIONS

1. Do not crimp any hard steel material or not matched size contacts, please contact us if the tool get stuck by improper use.
- 2.The initial testing of NO and NO-GO gauge should be from the biggest selector (sel.8) and it can test the crimping range directly from the crimping diameter.
- 3.Working air pressure:4.5-8MPA.

CRIMPING INSTRUCTIONS

- 1.Connect all the parts according to the below picture.



- 2.The positioners (need to purchase separately) used in crimping tool M22520/1-01 can be applied to this crimping tool which has 8 selectors.



3. Crimping instruction: firstly insert the contact and wire, supply the air by foot treadle or manual button, release the foot treadle or manual button after the crimping complete. Take out the contact when the indenter back to the original position.

