Operation Instruction for FEK-6-4 Pneumatic Type Ferrules Terminal Crimping Machine



In order to ensure the safe use, please read this operation instruction carefully before operation

Product parameters

Name	Pneumatic Type Terminal Crimping Machine
Model	FEK-6-4
Crimping range	0.08-10mm^2
Air pressure range	0.5-0.7MPa
Output	1.2T
Weight	4.8Kg
Overall dimension	286 × 125 × 165mm

Accessories included

Name	Quantity
Air tube	2
Foot air valve	1
Operation instruction	1

Production description

FEK-6-4 can replace the manual crimping tool. You can work free from the boredom, repeated manual crimping mode with the pneumatic crimping machine, the crimping speed is 10 times of the manual crimping tools, it has a greater cost advantage, and it is applicable for the international standard welding or tubular electrical connection termination crimping, the materials of the precision die sets is made of high quality alloy steel by the special heat treatment process, quick crimping, reliable firmness after crimping.

- Ferrule insertion at the side of the tool
- Self-adjusting adaptation to the desired end sleeve (ferrule) size, no wrong crimps caused by using the wrong die

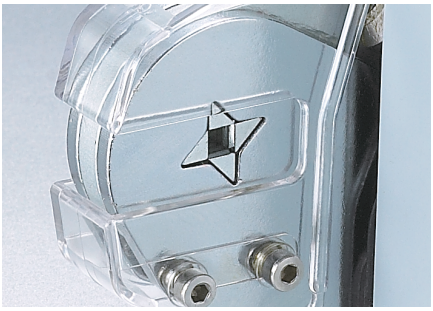


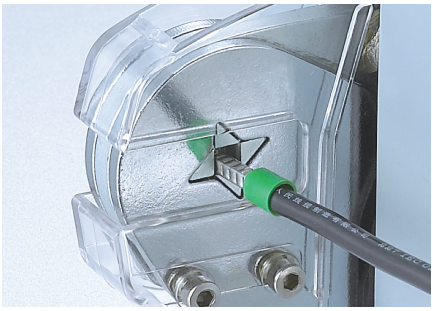
FEK-6-4 is the first crimping machine in the world for crimping the tube terminal of 0.08~10mm^2 with the air source. The machine can provide extremely convenient and quick service for the user to greatly promote the practical value and convenient use of the tools. The parts of the crimping machine are made of the special alloy steels by many precision stamping after heat treatment, the sections are smooth and flattened. The crimping die sets are made of super hard tool steel with the advantages of long life, accurate aperture size and good crimping effect.



Ferrule insertion at the side of the tool

Foot switch





Operating instructions

It is recommended for the user to read this instruction manual carefully before using this equipment, to be familiar with the use method and technology performance indexes of the equipment.

■ Used method

Please connect to the air tube in accordance with the corresponding markings of the equipment and accessories,

- Open the air source, the crimping can be conducted only after the clamp head of the equipment in open state.
- Place the crimping terminal in the corresponding fixture position, step on the foot air valve, release the air valve after the completion of the crimping.
- The crimping speed can be manually controlled according to the speed when stepping on the air valve, or adjusted by selecting the matched pipe joint with the throttling valve.

■ Service conditions and notes

- The fluid used for the equipment: compressed air.
- Use environment and fluid temperature: 5 ~ 60℃ .
- The medium used for the equipment cylinder can be used only after it is filtered by filter element of 40 um and above (i.e., the air source used for the cylinder shall be used after it is filtered by air filter
- The corresponding air tube and joint shall be chosen for the pipeline connecting to the equipment and internal dirty objects must be removed, in order to prevent the sundry into the cylinder from damage to the cylinder.
- When crimping big square terminals, please ensure the air source and air pressure is sufficient.
- If it is used in low temperature environment, the antifreeze measures shall be taken to prevent the water in the system from freezing.
- Suggestion: The medium used for the cylinder can be used after the lubricant is filled (i.e. the oil sprayer is installed in the air supply pipeline; It is proposed to use the turbine oil No. 1 ISOVG32).



-The large metal parts or materials cannot be fed into the crimping die sets for avoiding to damaging the crimping die sets.
-Based on security reasons, FEK-6-4 is prohibited to transform and the part is prohibited to replace and change without authorization.

Maintenance and Storage Notes

- Before using, the connection positions of the sliding shafts of the machine should be filled with a little lubricating oil to extend the service life of the machine.
- The product is the pneumatic product, it shall not be placed in the high temperature and low temperature, high humidity environments no matter when use or store.
- In no use, it shall be kept clean and dry to avoid rust, the removed intake and exhaust ports shall be blocked with the dust cap or taken the other dust prevention measures

Quality assurance

Our guarantees that all products are strictly performed the quality inspection before leaving the factory, the company will provide you with the perfect after-sale security services in accordance with the regulations of three guarantees for products. The company will provide you with the quality assurance of 12 months under normal service conditions from the date of purchase, the followings do not belong to the warranty scope:

- Application of the non-provisions of FEK-6-4.
- Inappropriate workplace
- Inappropriate application and application beyond the provisions of the operating instructions.
- Reformation of FEK-6-4 without authorization
- Continuous use of FEK-6-4 under the failure situation
- Continuous use after crimping more than 500,000 times. It shall be maintained by the manufacturer after crimping more than 500,000 times.
- Inappropriate die installation/repair
- No use of original crimping die sets and original spare parts.