



LINSTRUMENT

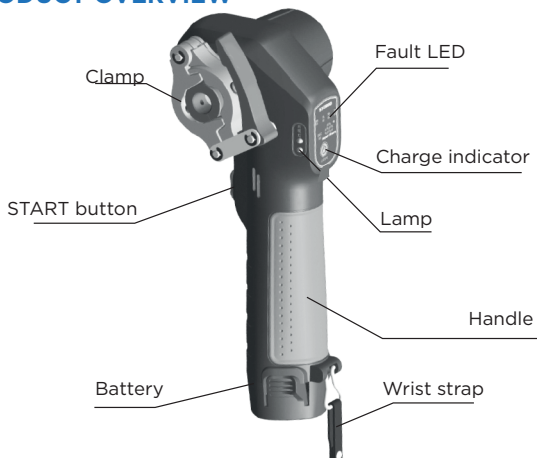
FTK-750

Cordless electric flaring tool kit



User guide

PRODUCT OVERVIEW



FEATURES :

Model	FTK-750
External dimensions	245 x 114 x 102 mm
Tubing sizes	1/4", 3/8", 1/2", 5/8", 3/4"
Pipe expansion shape	45° flaring
Nominal voltage	11,1V
Capacity	2200 mA
Battery life	Up to 135 flares (5/8") on full charge
Charging time	100 min
Operating temp.	5-40°C

Charger	
Power supply	AC 100 - 240V
Output voltage	DC 12V'
Frequency	50/60Hz
Output current	1,5A
Power	22W

FEATURES :

Clamp : Holds the copper tube firmly in the die.

Lamp : Auxiliary lighting.

Battery level indicator : 100% - 75% - 50% - 25% - When the LED flashes at 25%, the battery level is very low and the flaring tool cannot be operated until the battery is recharged.

ON/lamp button :

1. Short press : Displays battery level and turns the device ON.
2. Long press: Turns the auxiliary lamp ON or OFF.

Start button : Long press to start the flaring operation.

Handle : Allows a firm grip during the flaring process.

Battery pack : Powers the flaring tool.

Wrist strap : To be worn around the wrist to prevent accidental drops during use.

Status indicator :

- Slow flashing: Device ready for operation.
- Flashing sequence: Indicates a fault.

Charger : Used to recharge the battery pack.

Charge indicator : Displays the battery charging status.

BATTERY INSTRUCTIONS

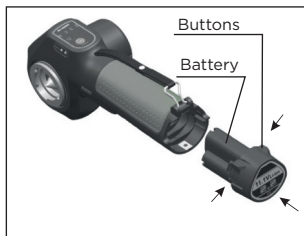
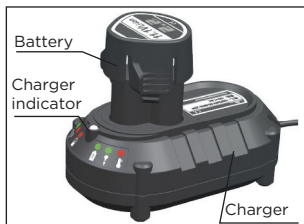
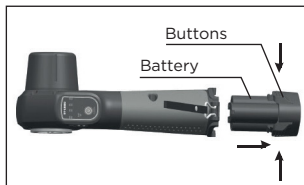
1. Press both battery pack release buttons simultaneously while pulling downward to remove it. Ensure you firmly hold the device during this operation to prevent dropping it.

2. Insert the battery into the charger slot provided. Make sure the battery is properly connected.

3. Switch on the charger. The LED indicator lights up red during charging and turns green when fully charged

4. Once charged, install the battery into the device, ensuring correct positioning. Do not force it.

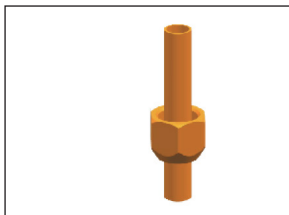
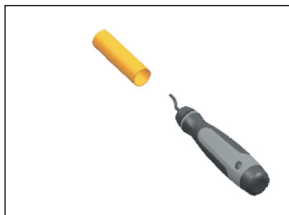
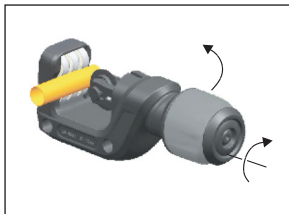
If the battery is not fully charged after 4 hours, the cells may be worn out. In this case, the battery must be replaced. Do not attempt to extend the charging time of a defective battery under any circumstances, as this may create a hazardous situation



MAKING FLARES

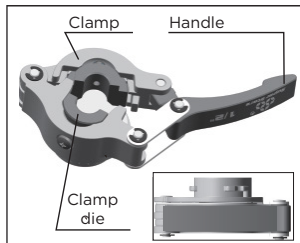
1. Preparation

First, use a tube cutter to cut the copper tube, then carefully deburr it. Finally, place the flare nut onto the tube before flaring.



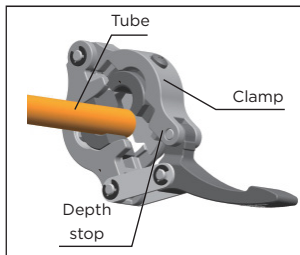
2. Opening the clamp

Select the appropriate clamp according to the copper tube diameter and pull the handle to open it.



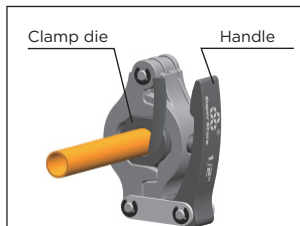
3. Positioning the copper tube

Place the copper tube into the clamp die and position it against the depth stop.



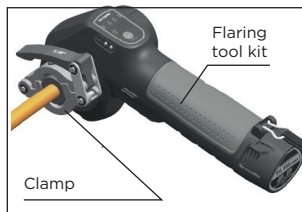
4. Closing the clamp

Close the clamp handle so that both sides of the die firmly secure the tube.



5. Preparation - Installing the clamp

Insert the clamp onto the flaring tool head and turn it 1/4 turn counterclockwise to lock it.



6. Performing the flare

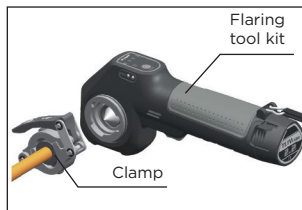
Press the ON/Lamp button once. The battery level indicator lights up and the Status indicator flashes slowly to indicate the device is ready.

Press and hold the Start button and allow the flare to be completed until the device stops automatically.



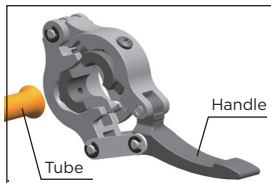
7. Removing the clamp

Open the clamp and remove the copper tube. Then turn the clamp 1/4 turn clockwise to remove it from the flaring tool head.



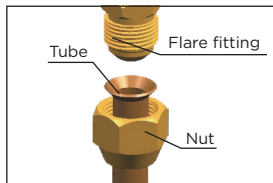
8. Removing the copper tube

Open the clamp handle to allow the die to open and remove the copper tube



9. Connecting the tubes

Screw the nut onto the flare fitting and tighten with a torque wrench to ensure a leak-proof connection.



LAMP

Press and hold the ON/Lamp button for 3 seconds to turn the lamp ON or OFF.



MAINTENANCE

1. Regularly clean the cone to remove copper debris
2. It is recommended to apply a drop of flaring oil on the cone before performing flares.



CAUTIONS

1. Do not operate the clamp without a copper tube, as this may damage the clamp and the equipment.
2. Do not handle the clamp while it is operating.
3. If the START button is accidentally pressed while the device is not ready, the tool will automatically return to its initial position.

TROUBLESHOOTING GUIDE

In case of device malfunction, check the status LED located near the ON/OFF button and refer to the table below to determine the cause.

INDICATION DU DÉFAUT		
LED SIGNAL	Description	Fault
●●●●○●●●●●	Long flash once	Overcurrent protection
●●●●○●○●●●●●	Long flash once + 1 blink	Overheat protection
●●●●○●○●○●●●●	Long flash once + 2 blinks	Overvoltage protection
●●●●○●○●○●○●○●	Long flash once + 3 blinks	Undervoltage protection

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N.B. LINSTRUMENT reserves the right to make changes without prior notice.