Sequre TS-K

Replacement soldering tip with heating element
User manual



Before first use, read this manual and the manual of your soldering iron.
The tip reaches a high temperature during operation – risk of burns.

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1. Product description

1.1 What it is for

The Sequre **TS-K** is a replacement soldering tip for the Sequre **SI012** series portable soldering irons (SI012, SI012 Pro, SI012 Pro Max) and the **SQ-D60**. The tip and the ceramic heating element form a single unit with internal heating, so the tip heats up quickly. When you replace the tip, you therefore also replace the heating element.

The tip has a flat knife-shaped blade (designation K). The manufacturer recommends it especially for **desoldering components**; the wide blade surface is also useful wherever heat needs to be transferred to a larger area, for example when soldering wires to solder pads or connectors.



Sequre TS-K replacement tip

1.2 Technical data and package contents

Manufacturer	Sequre
Product designation	TS-K (manufacturer code TT001000K)
Tip shape	K – flat knife blade
Design	tip and ceramic heating element in one unit, internal heating
Material	stainless steel, copper
Length	approx. 103–109 mm
Colour	silver
Intended for	Sequre SI012, SI012 Pro, SI012 Pro Max, SQ-D60 soldering irons
Package contents	1× TS-K replacement tip
Not included	soldering iron, power supply, solder, flux, stand or cleaning sponge

2. Use

Replace the tip only when the soldering iron has cooled down and is disconnected from the power supply. The tip stays hot long after the iron is switched off.

2.1 Replacing the tip

① Switch off the soldering iron, disconnect the power cable and let the iron and the tip cool down completely.

② Release the tip fixing and pull the old tip out of the iron – follow the manual of your soldering iron. Do not twist the tip with pliers or bend it.

③ Check that the contacts at the end of the new tip and in the iron body are clean and undamaged.

④ Insert the new tip straight **all the way in** and tighten the fixing again. A tip that is not fully inserted may not heat up, or the iron may report an error.

⑤ Connect the power supply and check that the iron recognises the tip and heats it.

2.2 First heating and tinning

A new tip must be **tinned** when it is heated for the first time. As soon as the tip is hot enough to melt solder, apply solder to the entire working surface of the blade so that it is covered with a continuous shiny layer. The tinned layer protects the tip against oxidation and ensures good heat transfer into the joint.

2.3 Soldering and desoldering

- Set the temperature on the soldering iron according to the type of solder and the size of the joint. Use the lowest temperature at which the solder flows reliably – a higher temperature shortens the service life of the tip.
- Place the whole blade surface against the joint so that the pad and the component lead are heated at the same time, and only then add solder.
- When desoldering components, heat all leads at once with the blade or use desoldering wick; do not lever the component out with the tip.
- Before putting the iron down, clean the tip and apply a fresh layer of solder to it.

3. Safety, care and troubleshooting

3.1 Safety instructions

- The working part of the tip reaches a high temperature. Do not touch it and put the hot iron down only in a stand or on a non-flammable surface.
- Work in a well-ventilated area; do not inhale flux fumes. We recommend wearing safety glasses.
- Do not use the tip for any purpose other than soldering – it is not a lever, scraper or tool for heating plastics.
- Use the tip only in the soldering irons for which it is intended. Do not continue to use a damaged or deformed tip.
- After finishing work, disconnect the iron from the power supply and let it cool down out of the reach of children.

3.2 Tip care and storage

- While working, wipe the tip on a damp cleaning sponge or on brass wool.
- Do not grind, file or scrape the tip – you will damage the surface layer and the tip will stop wetting the solder.
- Do not cool a hot tip in water.
- Before storing, leave a layer of solder on the tip and keep it in a dry place.

3.3 Troubleshooting

Problem	Possible cause and solution
The tip does not heat up or the iron reports an error	The tip is not fully inserted or its contacts are dirty – remove the tip, clean the contacts and insert the tip again. Check that the iron supports TS series tips.
Solder does not wet the tip and forms beads	The working surface is oxidised – clean it with brass wool and tin it again immediately. Lower the set temperature.
The joint heats up poorly	The tip is not touching the joint with the whole blade surface or is dirty – clean the tip, tin it and place it flat against the joint.

4. Information for the EU and Czech Market

The regulations of the country in which the product is used are decisive for its use and for its handling at the end of its service life. The Czech regulations given below describe the situation in the Czech Republic.

4.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

4.2 Disposal of electrical equipment



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

5. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 4.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.