TS-D24

Replacement tip for Sequre soldering irons
User manual



Disconnect the soldering iron from the power supply and let the tip cool down completely before replacing it. Do not touch a hot tip.

Rotorama, s.r.o. · www.rotorama.com

Contents

1. Product description

1.1 Intended use

1.2 Technical data and package contents

2. Use

2.1 Safety instructions

2.2 Replacing the tip

2.3 First use and soldering

3. Tip care and storage

4. Information for the EU and Czech Market

4.1 Importer and responsible person in the EU

4.2 Disposal

5. Warranty and rights arising from defective performance

1. Product description

1.1 Intended use

Sequre TS-D24 is a replacement soldering tip for the Sequre **SI012, SI012 Pro, SI012 Pro Max and SQ-D60** mini soldering irons. The tip has a flat chisel shape suitable for soldering wires, connectors and larger solder pads – for example when building and repairing FPV drones.

It is an internally heated tip with a ceramic heating core: the tip and the heating element form a single unit. Replacing the tip therefore also replaces the heating element of the soldering iron. The tip is inserted into the soldering iron and cannot be operated on its own.



Sequre SQ-D60 soldering irons with a TS series tip fitted (illustrative photo)

1.2 Technical data and package contents

Product designation	Sequre TS-D24
Manufacturer code	TT0010D24
Type	internally heated soldering tip with a ceramic heating core (tip and heating element in one unit)
Material	stainless steel, copper
Length	approx. 105 mm
Compatible soldering irons	Sequre SI012, SI012 Pro, SI012 Pro Max, SQ-D60
Package contents	1× replacement tip TS-D24
Not included	soldering iron, power supply and cable, stand, solder (tin)

2. Use

2.1 Safety instructions

- **Always disconnect the soldering iron from the power supply** before replacing the tip.
- Do not touch a hot tip – risk of burns. The tip stays hot for several minutes after switching off. Always put a hot soldering iron down in its stand.
- Do not solder near flammable materials and never put a hot tip down on the table, on cables or on batteries.
- Solder in a well-ventilated area and do not inhale flux fumes.
- Use only the power supply and accessories recommended by the manufacturer of the soldering iron. Follow the manual of your soldering iron.
- Keep the tip and the soldering iron out of the reach of children.

2.2 Replacing the tip

① Disconnect the soldering iron from the power supply and let the old tip cool down completely.

② If the tip is secured in the soldering iron by a screw, loosen it with the key supplied with the soldering iron.

③ Carefully pull the old tip out of the soldering iron. Do not pull on the working end and do not twist the tip with force.

④ Insert the new TS-D24 tip with its contact end (④ in the picture below) into the soldering iron all the way, so that the seating collar (③) sits against the soldering iron.

⑤ If the soldering iron has a locking screw, secure the tip with it again. Do not overtighten the screw.

⑥ Connect the power supply and check that the tip heats up. Operation and temperature setting are described in the manual of the soldering iron.



Parts of a TS series tip (illustrative photo; the shape of the working end differs by type)

① working end (flat, chisel)

② tip body with built-in heating core

③ seating collar

④ contact end – inserted into the soldering iron

2.3 First use and soldering

- When a new tip is heated for the first time, slight smoke caused by the heating element warming up may appear. This is normal.
- Tin the new tip immediately after first heating it up – apply a little solder to the working end so that it is completely covered by a thin layer of tin.
- Solder at the lowest temperature at which the solder flows reliably. An unnecessarily high temperature shortens the life of the tip.
- When soldering, put the whole flat face of the chisel tip against the joint, not just its edge – the heat is transferred faster.

3. Tip care and storage

- The tip is a consumable part that gradually wears with use. Proper care significantly extends its service life.
- While soldering, clean the tip by wiping it on a damp cleaning sponge or on brass cleaning wool.
- Do not grind, file or scrape the tip – you would damage its surface coating and the tip would stop wetting with solder.
- If the tip turns black and solder does not stick to it, clean it with brass wool and tin it again immediately.
- Before switching the soldering iron off, leave a layer of solder on the tip – it protects it against oxidation.
- Do not use the tip as a lever and do not bend it; do not drop it on a hard surface – the ceramic heating core inside may crack.
- Store the tip cold, dry and tinned, ideally in a case or in its original packaging.

Troubleshooting

Problem	Possible cause and solution
The tip does not heat up	The tip is not inserted all the way – remove it and insert it again. Check the power supply of the soldering iron according to its manual. If the tip is mechanically damaged, replace it.
Solder does not stick to the tip	Oxidised tip – clean it with brass wool and tin it immediately. Lower the working temperature.
The tip cannot be pulled out	Let the tip cool down completely and check whether it is secured by a screw.

4. Information for the EU and Czech Market

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

Manufacturer: Sequre (sequremall.com, info@sequremall.com). Product designation: Sequre TS-D24, manufacturer code TT0010D24.

4.2 Disposal



- 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. If you use the product in another country, the regulations of the country in which you use it are decisive.

- 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.