Sequre TS-B2

Replacement soldering tip
for Sequre SI012 / SI012 Pro / SI012 Pro Max / SQ-D60
soldering irons



Replace the tip only with the power disconnected and after the soldering iron has cooled down. The tip reaches a very high temperature during work – risk of burns.

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Contents

1. Product description

1.1 What it is for

1.2 Technical data and package contents

2. Safety instructions

3. Replacing the tip

4. Using and maintaining the tip

4.1 Correct handling

4.2 Troubleshooting

5. Information for the EU and Czech Market

5.1 Importer and responsible person in the EU

5.2 Disposal of electrical equipment

6. Warranty and rights arising from defective performance

1. Product description

1.1 What it is for

Sequre TS-B2 is a replacement TS-series soldering tip for the Sequre **SI012, SI012 Pro, SI012 Pro Max** and **SQ-D60** mini soldering irons. The tip and the heater form a single unit: inside the tip is an internally heated ceramic heating core which, according to the manufacturer, heats up quickly and has a long service life. The tip is lead-free.

Fit the tip in place of a worn or damaged tip, or keep it at hand as a second tip for a different kind of work. The **B2** shape is a pointed tip for general soldering of wires, connectors and components – in FPV practice, for example, when soldering motors, electronic speed controllers (ESC) or battery connectors.



Sequre TS-B2 replacement tip (illustrative manufacturer photo)

1.2 Technical data and package contents

Product designation	Sequre TS-B2 (manufacturer code TT00100B2)
Type	TS-series soldering tip with integrated heater
Compatible soldering irons	Sequre SI012, SI012 Pro, SI012 Pro Max, SQ-D60
Material	stainless steel, copper
Length	approx. 105 mm
Colour	silver
Package contents	1× TS-B2 replacement tip
Not included	soldering iron, power supply, hex wrench, stand, solder

▶ Power of TS tips in the Sequre SI012 Pro Max soldering iron

Indicative values given by the manufacturer for TS-series tips in the SI012 Pro Max user manual. Actual power and heat-up time depend on the soldering iron, its settings and the power supply.

Voltage	Current (estimated)	Power	Heat-up from 25 °C to 300 °C (fastest)
12 V	1.5 A	18 W	35 s
19 V	2.3 A	43 W	15 s
20 V	2.5 A	50 W	13 s
24 V	2.9 A	70 W	8 s
25.2 V (6S)	3 A	75 W	7 s

2. Safety instructions

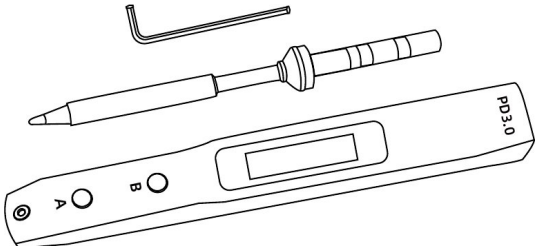
- The soldering tip reaches a very high temperature during work and stays hot for a long time after the soldering iron is switched off. **Do not touch the tip or the metal part near the tip** and only put the soldering iron down in its stand.
- Replace the tip **only with the power disconnected and after it has cooled down to room temperature** – otherwise there is a risk of burns or damage to the soldering iron.
- Use power supplies and accessories that comply with safety standards and with the requirements of your soldering iron.
- Work on a non-flammable surface, in a well-ventilated area and away from flammable materials. Do not inhale flux fumes.
- Wear safety glasses when soldering. Wash your hands after working with solder.
- Switch the soldering iron off when you finish work or take a break. Store the soldering iron and tips out of the reach of children.

3. Replacing the tip

The procedure is based on the manufacturer's manual for the Sequre SI012 Pro Max soldering iron. For other compatible soldering irons, proceed in a similar way according to their manual.

① Disconnect the soldering iron from the power supply and let it and the original tip cool down to room temperature. Prepare the soldering iron, the new tip and the hex wrench.

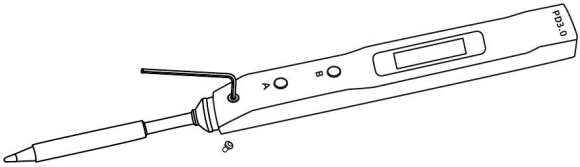
② Use the hex wrench to loosen the screw that holds the tip in the soldering iron and pull out the original tip.



Soldering iron, TS-series tip and hex wrench (illustration from the manufacturer's manual)

③ Insert the new TS-B2 tip into the tip mounting port all the way to the stop.

④ Secure the tip by tightening the screw with the hex wrench. Tighten the screw with care – just enough for the tip to hold firmly.



Securing the tip with the screw (illustration from the manufacturer's manual)

※ If the soldering iron reports a tip error after switching on (e.g. “Check Tip” or “C-T”), disconnect the power, let the soldering iron cool down and readjust the position of the tip – insert it again all the way to the stop and tighten the screw.

4. Using and maintaining the tip

4.1 Correct handling

- **Tin** a new tip immediately when it heats up for the first time – apply a little solder to the entire working surface. A tinned tip conducts heat better and oxidises more slowly.
- Wipe the tip regularly on brass wool or a damp cleaning sponge and lightly re-tin it after wiping.
- Set only the temperature that the job requires. An unnecessarily high temperature shortens the service life of the tip.
- Use the sleep mode of the soldering iron – a tip that stays at working temperature for a long time without solder oxidises quickly.
- Leave a layer of solder on the tip before putting the soldering iron down or switching it off; it protects the tip from oxidation.
- Do not file or sand the tip, do not use it as a lever or scraper and do not press on it with force – you would damage its surface layer.

4.2 Troubleshooting

Problem	Cause and solution
The soldering iron reports a tip error (“Check Tip”, “C-T”)	The tip is not seated correctly or is faulty. After it has cooled down, readjust its position and tighten the screw; if the error persists, replace the tip.
Solder does not wet the tip, the tip is dark	The working surface has oxidised. Clean the tip on brass wool and tin it immediately; a tip cleaning paste may help.
The tip is visibly worn or damaged	The tip is a consumable part – replace it with a new one.

5. Information for the EU and Czech Market

The information on legal regulations in this and the following chapter describes the situation in the Czech Republic. If you use the product in another country, the law of the country in which the product is operated is decisive.

5.1 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

5.2 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.

6. 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 5.1.
- 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.