Miniware TS-B2

Replacement soldering tip
for Miniware TS100 and TS101 soldering irons



Read this manual and the manual of your soldering iron before first use.
Keep this manual for future reference.

www.rotorama.com

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1. Product description

1.1 Intended use

The **Miniware TS-B2** is a genuine replacement tip for the **Miniware TS100** and **TS101** soldering irons. The tip and the heating element form a single unit – the heating core sits directly inside the tip, so heat is transferred to the joint quickly and with little loss.

The B2 is a classic conical (pointed) tip. It is suitable for most common soldering work in electronics and RC modelling – for example soldering wires, connectors and components on printed circuit boards. You can replace the tip yourself in a few seconds by simply inserting it into the soldering iron in place of the current one.



TS-B2 tip in the manufacturer's original packaging

1.2 Specifications and package contents

Manufacturer	Miniware
Product designation	TS-B2
Tip type	conical (pointed)
Length of the conical end	10.0 mm
Total length	105 mm
Weight	10.5 g
Design	tip with built-in heating element
Compatibility	Miniware TS100 and TS101 soldering irons
Package contents	1× TS-B2 soldering tip
Not included	soldering iron, power supply, stand, cleaning sponge

2. Use

2.1 Safety instructions

- The tip reaches a high temperature during operation. **Do not touch the metal part of the tip** while soldering or shortly after switching the soldering iron off – risk of burns.
- Only put a hot soldering iron down in a stand or on a non-flammable surface. Never leave a switched-on soldering iron unattended and switch it off after work.
- **Only replace the tip when it is cold** and with the soldering iron disconnected from the power supply.
- Do not work in a humid environment, with wet hands or near flammable or explosive substances.
- Work in a well-ventilated area and do not inhale flux fumes. Wash your hands after working with solder.
- Keep the soldering iron and the tip out of the reach of children.
- Also follow the safety instructions in the manual of your soldering iron.

2.2 Fitting and replacing the tip

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

② Loosen the locking screw that holds the tip in the soldering iron and pull the current tip out.

③ Insert the new TS-B2 tip into the soldering iron as far as it will go.

④ Tighten the locking screw again – with moderate force, so that the tip is held firmly.

⑤ Connect the power supply and check that the soldering iron has recognised the tip and heats up normally.

※ If the soldering iron reports a sensor error after the replacement, the tip is not inserted correctly. Switch the iron off, let it cool down and refit the tip.

The exact tip replacement procedure for your soldering iron model is given in its manual.

2.3 Soldering and tip care

Set the working temperature on the soldering iron according to the type of solder and the size of the joint. An unnecessarily high temperature shortens the service life of the tip.

- Tin a new tip immediately after first heating it up – apply a little solder so that the whole working surface is covered with a layer of tin.
- While working, wipe the tip on a damp cleaning sponge or on brass wool.
- Leave a little solder on the tip before switching the soldering iron off. The protective layer of tin prevents the tip from oxidising.
- Do not grind, file or scrape the tip – this damages its surface layer and the tip will no longer accept solder.
- Do not use the tip as a lever or screwdriver and protect it from drops and impacts.
- The tip is a consumable part. Gradual wear of the working surface through normal use is not a defect of the product.

3. Information for the EU and Czech Market

The information in Chapters 3 and 4 describes the situation in the Czech Republic. If you use the product in another country, you must comply with the regulations of the country in which you use it.

3.1 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

3.2 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.

4. Warranty and rights arising from defective performance

Rights of the buyer under Czech law

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 3.1.
- 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.