

Butane-Powered Soldering Irons

Ultratorch® UT-100Si, Kit & Tool Case



UT Series
Ultratorch UT-100Si-TC

Includes heat tool, 3 soldering tips and flameless hot air tip, hot knife, solder, wire cutter, needle nose pliers and cap in a rugged storage/carrying case

UT Series
Ultratorch UT-100SiK



The UT-100Si is a high-capacity, self-igniting unit serving as a soldering iron and heat tool. It comes standard with soldering tip, heat tip, shrink attachment, and protective cap.

Specifications

- **Approx. Soldering Tip Temp.:** 482° - 932°F (250° - 500°C)
- **Approx. Hot Air Tip Temp.:** 1202°F (650°C)
- **Approx. Flame Temp.:** 2500°F (1371°C)
- **Equivalent to Electric Iron:** 20 to 80 Watt
- **Approx. Operating Time:** 120 min.
- **Fuel Tank Capacity:** 1 fl. oz. (28 cc)
- **Tool Dimensions:** 10.3" L (260mm)
- **Tool Net Weight:** 5.5 oz. (100 g)
- **UT-100Si Shipping Weight:** 1 lb.
- **UT-100SiK Shipping Weight:** 2 lbs.
- **UT-100Si-TC Shipping Weight:** 3 lbs.
- **Shipped Empty**

NOTE: Users should independently evaluate the suitability of the product for their application.

Professional Self-igniting Butane-powered Soldering Iron, Flameless Heat Tool & Torch

Features & Benefits

- Lightweight and easily portable
- Built-in fuel filter for consistent fuel ignition
- Built-in window indicates fuel level
- Operates nonstop for approx. 2 hours at #3 setting
- Adjustable temperature up to 1200°F (hot air tip)
- Solder tip can reach 932°F

- Equivalent to an 80-Watt soldering iron
- Works with specialty environmental connectors such as Proseal™ and Solderseal™
- Easy-to-use gas control knob
- Top-quality pre-tinned copper-based soldering tips
- Patented combustion chamber/exhaust port design

Applications

- Pinpoint heat
- Remove surface mount components
- Repair vinyl
- Shrink tubing and wire connectors
- Solder & desolder
- Spot dry
- **And more**

Butane-Powered Soldering Irons

Ultratorch® UT-100Si Ultratips® and Accessories



Ultratorch UT-100Si Tips and Accessories

Model No.	Description	Model No.	Description
Soldering Tips			
70-01-01	1mm dia. tapered needle soldering tip	70-01-08	2mm dia. 35° spade soldering tip
70-01-02	3.3mm dia. chisel soldering tip (std., all models)	70-01-09	3mm dia. 35° spade soldering tip
70-01-03	2mm dia. spade soldering tip	70-01-10	1mm dia. offset tapered needle soldering tip
70-01-04	3mm dia. spade soldering tip	70-01-11	8mm dia. high powered chisel soldering tip (std., UT-100Si-TC)
70-01-05	0.5mm dia. tapered needle soldering tip (std. UT-100Si-TC)	70-01-12	3mm dia. high powered round head needle tip
70-01-06	2mm dia. micro spade soldering tip	70-01-13	.5mm dia. high powered long tapered chisel tip
70-01-07	0.5mm dia. square tapered pyramid soldering tip	70-01-15	7mm dia. 45° spade soldering tip
Hot Air Tips			
70-01-50	2.5 O.D./1.59 I.D. (mm) hot air tip	70-01-52	5.7 O.D./4.9 I.D. (mm) hot air tip (std. all models)
70-01-51	4.25 O.D./3.3 I.D. (mm) hot air tip	70-01-53	8.0 O.D./6.9 I.D. (mm) hot air tip
Hot Knife Tip			
70-01-16	Hot knife tip (std. UT-100Si-TC, UT-100SiHK)	Adapter	
70-01-14	8.4 tip adapter (4mm dia. x .7 pitch mm)		
Accessories			
70-01-54	.75"/19mm dia., .825"/22.2mm wide heat shrink attachment	70-40U	Metal storage box (std. with UT-100SiK)
70-01-55	.5"/12.7mm dia., .75"/19mm wide heat shrink attachment (std. all models)	70-43	Tool holder (std. with UT-100SiK)
70-35	Ejector spanner wrench	70-52U	Carrying strap
70-37U	Tip cleaner sponge (std. with UT-100SiK)	90-02	Protective cap (std. UT-100Si, UT-100Si-TC)

Ultratip Soldering Tips For Use With UT-100Si Ultratorches

- Oxygen-free, copper based Ultratip soldering tips have thick iron and chrome plating for long life and high thermal conductivity
- Ultratips are manufactured using a patented process which produces uniform iron and chrome plating thickness
- Ultratip soldering tips feature leading-edge combustion chamber/exhaust port design
- All tips pre-tinned with lead-free solder



70-52U Carrying strap
90-02 Protective cap