

Ultratorch® UT-100Si, UT-100SiK & UT-100Si-TC

Self-igniting butane-powered soldering iron and flameless heat tool

- Dual function, self-igniting soldering iron and flameless heat tool
- Features oxygen-free, copper based Ultratip® soldering tips, with thick iron and chrome plating for long life and high thermal conductivity
- Cordless and completely portable, ready-to-use in 30 seconds
- Self-ignition with push button for fast, easy starting
- Adjustable temperature control
- Soldering temperature up to 932°F, ideal for use with today's lead-free solder
- Hot air temperature up to 1202°F, perfect for Solderseal™ environmental "heat and seal" connectors
- Sturdy metal tank with fuel viewing window holds enough fuel for 2 hours of operation
- Contains everything needed to heat shrink tubing and specialty connectors, remove surface mount components, solder and desolder, repair vinyl, spot dry and cut materials
- Optional accessories available and interchangeable between UT-100 & UT-100Si (See page 20)



UT-100Si-TC
Ultratorch Professional Kit:
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

MODEL NO.	DESCRIPTION
UT-100Si-TC	Includes Ultratorch, three Ultratip soldering tips: 70-01-02, 70-01-05, 70-01-11, hot air tip: 70-01-52, shrink attachment: 70-01-55, hot knife: 70-01-16, open end wrench, ejector, sponge, cap, solder, wire cutter and needle nose pliers packed in a rugged plastic carrying case
UT-100SiK	Includes Ultratorch, Ultratip soldering tip: 70-01-02, hot air tip: 70-01-52, shrink attachment: 70-01-55, open end wrench, ejector, sponge and steel case
UT-100Si	Includes Ultratorch, Ultratip soldering tip: 70-01-02, hot air tip: 70-01-52, shrink attachment: open end wrench, ejector and cap
UT-100Si-HK	Includes Ultratorch, hot knife: 70-01-16, open end wrench, ejector and cap

UT-100SiK Ultratorch Kit



70-01-02 tip

80-40

70-35

70-01-52

70-01-55

UT-100Si Ultratorch

70-01-02
soldering tip

90-02

80-40

70-35

70-01-52

70-01-55

Hot Knife Tip



NEW!

UT-100Si-HK Ultratorch



See page 20 for more accessories

Specifications

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

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



Refill with Master Ultratane Butane for best performance. (page 28)

Ultratorch® UT-100 & UT-100Si Tips and Accessories

For use with UT-100 & 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
- Optional accessories interchangeable between all UT-100 & UT-100Si models

PART NO.	DESCRIPTION
	ULTRATIP SOLDERING TIPS
70-01-01	1mm dia. tapered needle soldering tip
70-01-02	3.3mm dia. chisel soldering tip (std., all models)
70-01-03	2mm dia. spade soldering tip
70-01-04	3mm dia. spade soldering tip
70-01-05	0.5mm dia. tapered needle soldering tip (std. UT-100-TC, UT-100Si-TC)
70-01-06	2mm dia. micro spade soldering tip
70-01-07	0.5mm dia. square tapered pyramid soldering tip
70-01-08	2mm dia. 35° spade soldering tip
70-01-09	3mm dia. 35° spade soldering tip
70-01-10	1mm dia. offset tapered needle soldering tip
70-01-11	8mm dia. high powered chisel soldering tip (std., UT-100-TC, UT-100Si-TC)
70-01-12	3mm dia. high powered round head needle tip
70-01-13	.5mm dia. high powered long tapered chisel tip
70-01-15	7mm dia. 45° spade soldering tip
	HOT KNIFE TIP
70-01-16	Hot knife tip (std. UT-100-TC, UT-100Si-TC, UT-100SiHK)
	HOT AIR TIPS
70-01-50	2.5 O.D./1.59 I.D. (mm) hot air tip
70-01-51	4.25 O.D./3.3 I.D. (mm) hot air tip
70-01-52	5.7 O.D./4.9 I.D. (mm) hot air tip (std. all models)
70-01-53	8.0 O.D./6.9 I.D. (mm) hot air tip
	ACCESSORIES
70-01-54	.75"/19mm dia., .825"/22.2mm wide heat shrink attachment
70-01-55	.5"/12.7mm dia., .75"/19mm wide heat shrink attachment (std. all models)
70-02	Protective cap (std. UT-100, UT-100-TC)
70-07TU	Ejector, torch (std. UT-100, UT-100-TC)
70-35	Ejector spanner wrench
70-37U	Tip cleaner sponge (std. with UT-100, UT-100SiK)
70-40U	Metal storage box (std. with UT-100, UT-100SiK)
70-43	Tool holder (std. with UT-100, UT-100SiK)
70-52U	Carrying strap
90-02	Protective cap (std. UT-100Si, UT-100Si-TC)
80-40	Open end wrench (std. UT-100Si, UT-100SiK and UT-100Si-TC)
	ADAPTER
70-01-14	8.4 tip adapter (4mm dia. x .7 pitchmm)

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

Soldering Tips



70-01-01



70-01-02



70-01-03



70-01-04



70-01-05



70-01-06



70-01-07



70-01-08



70-01-09



70-01-10



70-01-11



70-01-12



70-01-13



70-01-15

Hot Knife Tip



70-01-16

Adapter



70-01-14

Hot Air Tips



70-01-50



70-01-51



70-01-52



70-01-53



70-07-TU

Accessories



70-02



70-35



70-37U



70-40U



70-43



70-52U



70-01-54



70-01-55



80-40



90-02