

TP-100AS

goot Portable Desoldering Gun ·
Anti-static Model · Built-in
Vacuum Pump & Temperature
Control



Authorized distributor in Israel: ASI
Manufacturer: goot (original product)

P/N 54433

Document TDS-54433

Rev. 01

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Description

The **goot TP-100AS** is a handy, portable anti-static desoldering gun that combines the temperature-control circuit and the desoldering mechanism in one tool.

The motor, diaphragm vacuum pump and temperature-control circuit are all built into the grip. A powerful -0.08 MPa vacuum removes through-hole solder easily, from single-sided boards to multi-layer PCBs, terminals, connectors and flat ICs.

250–450 °C

Temperature setting

-0.08 MPa

Vacuum (-600 mmHg)

70–75 W

Power (220–240 V)

470 g

Weight (w/o cord)

Anti-static

ESD-safe model

Key Features

- Compact all-in-one design — motor, pump and control circuit **built into the grip**
- Powerful vacuum: **-0.08 MPa (-600 mmHg)**
- Ceramic heater with internal sensor; sensor-feedback temperature setting **250–450 °C**
- Zero-volt switching circuit reduces noise during heater ON/OFF
- Replaceable cartridge filter for easy maintenance
- Supplied in a carry case with heat-resistant pipe and stand

תקציר בעברית: goot TP-100AS – אקדח שאיבת בדיל נייד, דגם אנטי-סטטי. מנוע, משאבת ואקום וחוג בקרת טמפרטורה מובנים בידי. ואקום חזק של 600 מ"מ כספית, טווח טמפרטורה בין 250 ל-450 מעלות, גוף חימום קרמי עם חיישן, פילטר מחסנית מתחלף. מסופק במזוודה עם צינור עמיד חום ומעמד.



Specifications

Parameter	Value
Voltage	220–240 V AC, 50/60 Hz (also 110–130 V version)
Power consumption	70–75 W (220–240 V); 80 W (110–130 V)
Temperature setting range	250–450 °C
Heater	Ceramic heater with internal sensor
Vacuum pump system	Diaphragm
Vacuum	–0.08 MPa (–600 mmHg)
Insulation resistance	Over 100 MΩ (500 V DC)
Power cord length	1.5 m
Dimensions	225 × 170 mm
Weight	470 g (without cord)

Supplied with

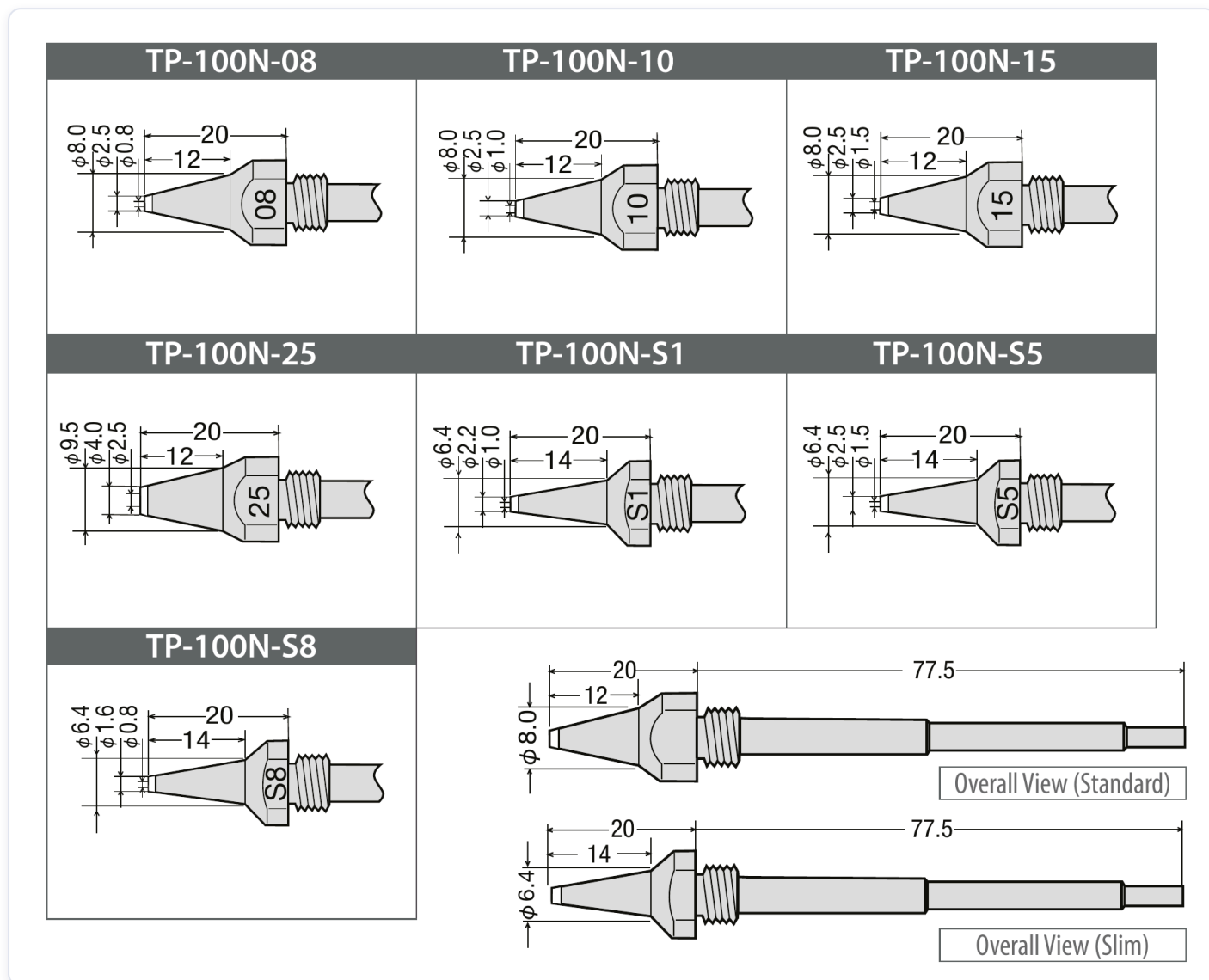
Item	Code
Standard nozzle	TP-100N-10
Cleaning pin	TP-100CP-07
Filter	TP-100F
Carry case with heat-resistant pipe and stand	—

Ordering information

Description	ASI P/N
goot TP-100AS anti-static desoldering gun	54433

Specifications are subject to change without notice. Rev. history — 01 — first ASI v2 issue; data from goot official specifications; P/N corrected to 54433

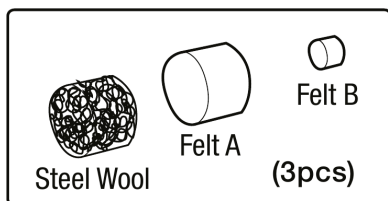
Replacement nozzles (TP-100N series)



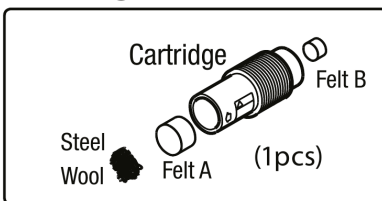
Nozzle dimensions in mm: standard type (TP-100N-08 / 10 / 15 / 25) and slim type (TP-100N-S1 / S5 / S8), with overall views of the standard and slim nozzles. TP-100N-10 is the standard nozzle supplied with the TP-100AS.

Filter set, cartridge set and cleaning pin

Filter Set TP-100F



Cartridge Set TP-100K



Filter set TP-100F (supplied), cartridge set TP-100K (replacement) and cleaning pin TP-100CP-07 (supplied).