

DEN-ON DESOLDERING TOOL

SC-7000Z

**ESD
SAFE**

DEN-ON NSC-7000Z is of the pump
built-in structure with a temperature
control circuit.
Best tool recognized all over the world.

**Suction capacity and hot blow system
are further powerd up.
Removal of chip and SMD component is done with
more and more efficiency.**



Gun type with versatile function
SC-7000Z

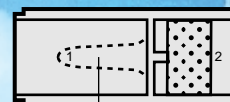
Confirmed safety standard

U.S.A	MIL STD-2000
GERMANY	TUV
CANADA	CSA
AUSTRALIA	AS
SWITZERLAND	SEV
SWEDEN	SEMCO
DENMARK	DEMCO
FINLAND	FEMCO
JAPAN	SAFETY STD.

The patented filter cartridge will last
a long life.

Most of the removed solder and flux
is accumulated as shown in the
dotted line (1) so that the filter(2)
can be kept clean for longer time.cast.

Dispensable with low



Filter cartridge

dic

**DEN-ON INSTRUMENTS CO.,LTD.
DIC TRADING CO.,LTD.
TOKYO JAPAN**

DEN-ON DESOLDERING TOOL

SC-7000Z

“Applicable for SMD removal”
Highly efficient desoldering tool

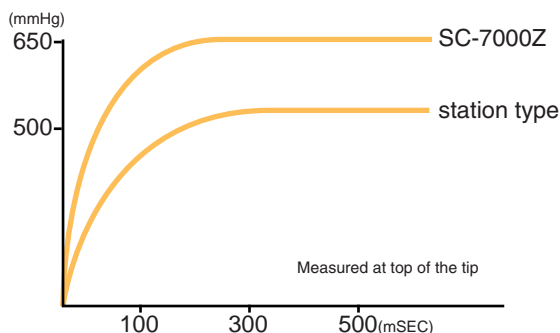
FEATURES

- Direct connection between the diaphragm pump and the tip can provide high vacuum efficiency which can accommodate for the 8-12 layered PCB.
- The combination of a 100W ceramic heater with sensor feedback temperature control circuit and high vacuum capacity can provide best work efficiency with no failure.
- Protection against ESD is secured.
- Quite compact, light-weight unit portable and ready to use at any location.
- Low noise and low vibration
- The removal of SMD components can be easily done by a flick of the selector lever and by replacing the tip with the hot blow nozzle.

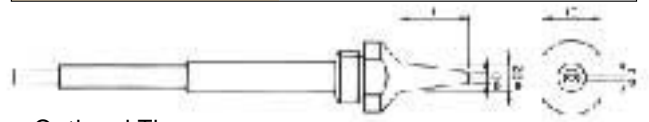
SPECIFICATIONS

Voltage	AC100V, 120V, 230V, 50/60HZ
Power consumption	120W
Pump	Diaphragm type
Motor output	12W
Vacuum attained	650mmHg
Time required to reach maximum vacuum	0.1 seconds
Air flow rate	15 liter/minute (open)
Heater	100W (Ceramic)
Control system	Feed back zero cross over type
Temperature Range	350°C—500°C
Insulation resistance	More than 100MΩ
Max. temperature of hot blow	400°C
Net weight	420g

Time required to reach the maximum vacuum



The SC-7000Z has a quick and sharp suction power which is most important for the solder removal.



Optional Tips

Specification	Marking	∠d	∠D1	∠D2	Lmm
0.8 Std	0.8	0.8	2.5	7.0	12.5
0.8 SLIM	0.8S	0.8	2.0	6.0	14.0
0.8 U.SLIM	S8	0.8	1.5	5.0	11.5
1.0 Std	1.0	1.0	2.5	7.0	12.5
1.5 Std	1.5	1.5	3.0	7.0	12.5
1.0 SLIM	10S	1.0	2.0	6.0	14.0
1.5 SLIM	15S	1.5	2.2	6.0	14.0

One piece of tip 1.0mm(50-01-14)is fitted in the main body.

Removing the solder of DIP by the suction tip



Melting the solder of PLCC by the hot blow for removal



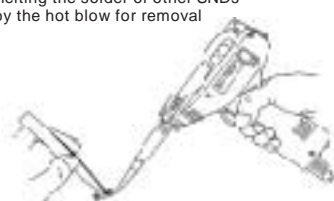
By use of the station blade

Melting the solder of QFP/SOP by the hot blow for removal



By use of the stainless wire

Melting the solder of other SMDs by the hot blow for removal



ST-800

CODE No.08-00-00
(Tool stand for SC-7000)

For convenience and safe works



“SMD” kit

CODE No. 72-78-00

For easy removal of SMD components.



Filter cartridge set

CODE No.70-08-00

inclusive of 5 pcs



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