

NEW

SOLDERING GUN ATTACHMENT Cleans Printed Circuit Terminals ... in seconds!

A PRACTICAL SERVICE TOOL - -
NEEDED BY EVERY TECHNICIAN -
PAYS FOR ITS SELF EVERY TIME
YOU USE IT.

ONEIDA SOLDER-VAC
QUICKLY AND EASILY ATTACHED TO YOUR PRESENT
SOLDERING GUN

HERE ARE SOME OF THE EXCLUSIVE
FEATURES OF DSU-2 THAT PROVIDE
DRASTIC TIME SAVINGS IN REPLACING
PARTS ON PRINTED CIRCUIT BOARDS:-

- CLEANS TERMINALS OUT IN SECONDS FOR QUICK INSERTION OF NEW PARTS
- ATTACHES TO SOLDERING GUN IN LESS THAN 5 MINUTES
- PAYS FOR ITSELF WITHIN A FEW DAYS OF OPERATION
- WILL NOT BURN NOR SMEAR PRINTED CIRCUIT BOARD
- NO SPECIAL SKILL NOR TRAINING NECESSARY FOR HIGH-PRODUCTION OPERATION
- COMPLETELY COVERED BY PATENTS-- THERE IS ONLY **ONE ONEIDA!**
- ONEIDA SOLDER-VAC PART NUMBER DSU-2 • IS YOUR GUARANTEE TO COMPLETE SATISFACTION



ONEIDA SOLDERING GUN ATTACHMENT greatly simplifies the task of removing old parts and replacing new ones on printed circuit boards. The hollow, tubular tip of the gun is pressed against the terminal and, after the trigger of the gun is pressed for a few seconds to heat the terminal, the suction bulb is squeezed a few times to suck the solder up into the stainless steel tube. As the old part is removed, the clean, almost solderless-free terminal provides easy insertion of the lead for the new part. A quick-disconnect fitting on the stainless steel tube permits its quick emptying of solder after extensive use. Complete instructions are furnished with each unit.



U. S. PATENT NOS. 2,882,380 - 2,955,187 - 2,955,188 - 613,461

 **Oneida Electronic Mfg. Co.**

Dealer-User \$7.95

Meadville , Pennsylvania

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INSTRUCTIONS
TO USE DESOLDERING TOOL

Place desoldering tip over component terminal hole. Switch gun on. When solder has liquidified move the tip of the gun so the component terminal will be touching the inside wall of the tip. Allow a split second for the component terminal to heat up. By compressing the bulb two or three times, suck the solder up into the **stainless steel tube**. Or move the heated desoldering tip back and forth over the component terminal hole so as to move the component terminal away from the sides of the printed board while removing the solder.

If, at times, the operator does not allow enough time for the solder to heat up, a thin layer of solder will be left on the component terminal and the board which may be broken loose with a pair of long nosed pliers or an instrument such as an awl or screwdriver.

On spring clips like tube sockets, when the solder has liquidified, manipulate the heated tip in a circular manner around the tube socket terminal tip while drawing the solder up. The pressure of the desoldering tip against the tube socket terminal will force it away from the board so the solder may be drawn up. The cooled thin layer of solder left on the component terminal and board can be broken loose and the spring terminals may be shoved through the board, one by one, with the blunt handle end of a screwdriver.

On clips that are tight against one side of the terminal board, draw the solder out first, then, using the hot tip to force the terminal away from the board, shut off the gun and pump the bulb until the terminal is cool.

On terminals that are bent over, the heated tip of the tool may be used to pry under the terminal to straighten it before drawing solder up.

On small boards, such as transistor radios, etc., where the holes are smaller than the desoldering tip hole, place one-half the desoldering tip over the component terminal and one-half on the board.

On wide terminals where the desoldering tip will not fit over, the solder may be drawn up by working the tip alongside of and around the terminal.

The D440, D250 and D550 Weller Guns each have dual heat. Use first heat for small terminals and second heat for the heavy terminals.

NOTE:

The above instructions are general. The operator, as he has more experience, with patience, will be able to do any job on a printed board in seconds.

Check the mounting tip nuts on the Weller gun periodically to make sure they are tight.

It is important to apply plenty of heat to the solder before suction.

Make sure sinker plug is secure in solder trap before using desoldering tool.

Occasionally, lightly file bottom of the tip, maintaining slight grooves in the bottom of the tip.

INSTALLING DESOLDERING TOOL

Install tip with the tubular tip facing the left-hand side of gun.

Remove bolt from the front hole of the D440, D250 and D550 Weller gun. Using same bolt install clamp and hose to the left-hand side of gun.

Tighten clamp allowing enough slack in hose to hold sinker plug in **stainless steel tube**.

Switch on your gun for a few minutes to oxidize and blacken tip.

The suction bulb and valves for this desoldering tool have been engineered for extensive service.

Do not tin tip.

CHECK AND CLEAN TIP BEFORE EACH JOB BY HEATING UP GUN AND USING SMALL, ROUND ROD OR WIRE TO CLEAN OUT SOLDER INSIDE TIP. IF SOLDER THAT ADHERES INSIDE THE TIP IS NOT CLEANED OUT, IT WILL SEEP BACK INTO THE PRINTED CIRCUIT BOARD.

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