X-TRONIC USA

X-Tronic® Model 9010-PRO Desolder Station Instructions

TABLE OF CONTENTS

PACKAGE CONTENTS

1 - X-Tronic 9010-PRO Main Desoldering Suction Unit

1 - X-Tronic Desolder Gun (attached to main unit)

4 - Nozzle Tips (.08mm, 1.0mm, 1.2mm & 2.0mm)

6 - Vaccum Port Filters - black (1 installed)

3 - Fiber Filters - white (1 installed)

3 - Spring Filters (1 installed)

2 - Front Chamber Seal (1 installed)

2 - Outer Chamber Seal (1 installed)

9 - Nozzle Tip Cleaners (set)

1 - Suction Tube Cleaner

1 - Sponge

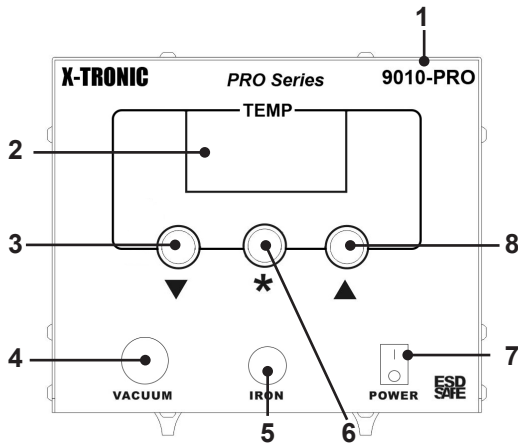1 - Anti-Slip Heat Resistant Silicone Pad

PRODUCT FEATURES

• ESD Safe

• PID Technology (Magic Temperature Compensation Technology)

• Light Weight & Compact

• Centigrade to Fahrenheit Selectable Temperature Function

• Easy to Read LED Display

• Digital Temperature Correction/Calibration Function

• Built-in Sleep Mode

• Built-in Auto-Off

PRODUCT SPECIFICATIONS

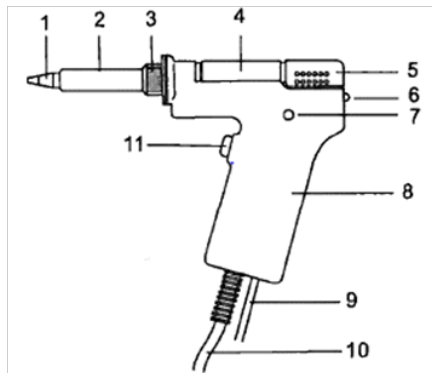| Model	XTR-9010-PRO
Power of Unit	≤ 80W
Power of Suction Gun	60W
Temperature Range	662°F~896°F / 350°C~480°C
Temperature Stability	±1°C (static)
Heating Element Voltage	AC 26V ±10%
Desolering Pump Power	12W
Vacuum Suction	0.05MPa
Tip Impedance	<2Ω
Dimensions	9.2 x 8.0 x 5.3 in / 234 x 202 x 134 mm
Weight	9.7 lbs / 4.4 kg
Length of Cord	≥ 47 in / 120cm
Working Environment	32°F ~ 104°F / 0°C ~ 40°C
Storage Environment	-68°F ~ 176°F / -20°C ~ 80°C
Storage Humidity	35% - 45%

USER INTERFACE

Main Unit

1. Model Number
2. Temperature Display
3. Temperature Decrease Button
4. Vacuum Port
5. Desoldering Gun Port
6. Function Key
7. Power Switch
8. Temperature Increae Button

Desoldering Gun

1. Suction Tip
2. Heating Element Cover
3. Retaining Nut
4. Filter Chamber
5. Grip Assembly
6. Grip Assembly Release Button
7. Pressure Indicator
8. Gun Body
9. Vacuum Tube
10. Cord Assembly
11. Trigger

PRODUCT SET-UP

1. Unpack all of the contents of the X-Tronic 9050-PRO unit.

2. Inspect the unit and accessories for any damage. If damage is detected, please contact X-Tronic immediately (see back of manual for contact information).

3. Connect the vacuum tube from desoldering gun to vacuum port on the front panel of the main unit.

4. Verify the filter chamber tube, spring filter, fiber filter, & vacuum port filter are all installed.

5. Place the desolder gun in the holder.

6. Plug in the power cord to the back of the unit.

7. Plug the 3-Prong AC cord into a 110/120V grounded outlet to prevent electric shock or injury.

8. The unit is now ready to be powered on with the switch located on the front of the unit.

SAFETY PRECAUTIONS

Operating the X-Tronic 9010-PRO desoldering station incorrectly may cause damage to the equipment or the operator. When using this product, the following basic measures should be **strictly** followed to avoid hazards of electric shock, bodily injury, or fire.

1. **When powered on, the suction tip temperature can exceed 752°F(400°C) -**

2. Do not use near flammable or explosive objects

3. This unit is to be used for desoldering purposes only

4. Turn off power to unit when not in use

5. Unplug unit from AC wall outlet if it will not be used for an extended period

6. The proper three-wire grounded plug must always be used to ensure proper operation

7. The units desoldering gun is delicate. Do not tap it against any surface to remove residues

8. This unit may smoke when powered on for the first time. Powering up in a well-ventilated area is recommended

OPERATING GUIDELINES

General Set-up & Use

1. Before turning on the unit, choose the nozzle that will be used and install it on the gun. (see page 9 for how to change nozzles).

Note: All new nozzle tips have solder in the tip hole to prevent oxidation during first use. Once the unit heats up, the solder will melt and reveal the hole.

2. Ensure that the desolder gun is in the holder.
*Note: The desolder gun needs to be in the holder **EVERY TIME** the unit is started.This is a saftey feature and the unit will not work correctly if this is not followed.*

3. Ensure there are no obstructions or blockages in the desolder gun and/or attachments.

4. Turn on the the switch on the front of the unit.

5. Set the desired temperature by pressing the Temperature Increase or Decrease Button until the desired temperature displays on the screen.

6. **IMPORTANT:** After the Desoldering Gun has reached its set temperature, PLEASE ALLOW another 2 minutes to fully preheat before using the desoldering gun. Failure to do so may cause clogging.

7. When the desolder gun is in the holder and inactive for 1 minute (the default setting or whatever the sleep timer is set at) the unit will go to into "Sleep Mode" and cool down to 392°F / 200°C.

8. To activate the desolder gun after it has been in "Sleep Mode" pull the trigger and then allow it to warm back up to the set temperature.

9. After using the desoldering gun, place it back into the holder.

10. When finished using the unit, the power can be turned off.

Note: If the unit will not be used for more than 12 hours, the unit should also be unplugged from the wall as a safety precaution.

FUNCTION SETTINGS

Setting Sleep Timer

1. Turn on the power switch.

2. Ensure the desoldering gun is in the holder.

3. Press the * button. The LCD will read "L01". The "01" indicates the current sleep time is set at 1 minute.

4. Press the increase/decrease button to set the desired sleep time. It can be set anywhere from 1 minute to 99 minutes.

NOTE: If you select "00", this will turn off the Sleep Timer Option. If the Sleep Timer is turned off, the unit will NOT go into Auto-Shut Off Mode.

IMPORTANT: This is a safety feature and turning it off is NOT recommended. Keeping your desoldering gun at the set temperature when not in use will negatively impact the heating element life.

5. The unit will automatically save the setting and exit the function menu after six seconds.

6. The Sleep Timer has now been set.

Setting Auto-Shut Off Timer

1. Turn on the power switch.

2. Ensure the desoldering gun is in the holder.

3. Press the * button twice. The LCD will read "P01". The "01" indicates that the auto-shut off time is set to 1 minute.

4. Press the increase/decrease button to set the desired shut off time. It can be set anywhere from 1 minute to 30 minutes.

NOTE: If you select "00", this will turn off the Auto-Shut Off option. This is a safety feature and turning it off is NOT recommended.

IMPORTANT: The Auto-Shut Off timer starts when Sleep Mode activates and the unit starts to cool down.

5. The unit will automatically save the setting and exit the function menu after six seconds.

6. The Auto-Shut Off timer has now been set.

Temperature Calibration Offset

1. Turn on the power switch.
2. Ensure the desoldering gun is in the holder.
3. Press the * button three times. The LCD will read "R00". The "00" indicates that the current calibration offset temperature is 0°.
4. Press the increase/decrease button to set the desired temperature offset.
5. The unit will automatically save the setting and exit the function menu after six seconds.
6. The Temperature calibration offset has now been set.

Temperature Conversion

1. Turn on the power switch.
2. Ensure the desoldering gun is in the holder.
3. Press the * button four times. The LCD will read "C". This indiates that the current temperature measurment is in °C.
4. Press the increase/decrease button to set the desired temperature output mode.
5. The unit will automatically save the setting and exit the function menu after six seconds.
6. The will now display the temperature in the desired unit of measure.

MAINTENANCE

Main Unit

1. Keep the unit plugged into a GROUNDED outlet at all times during operation.

2. Keep the unit and all components free from dirt, debris, and liquid at all times.

3. Make sure the power cord is plugged in correctly and safely off the floor to prevent accidents.

4. Keep all cords in the immediate workspace and avoid letting them hang off the side of a table or bench top.

5. Wipe the unit down with a dry, static-free cloth, as needed.

Desolder Gun

The pressure indicator on the side of the desoldering gun indicates the suction pressure of the unit. The indicator must be read only when the unit is at operating temperature and the tip is clear of obstruction. Observe the indicator while holding the trigger and perform the below steps if needed.
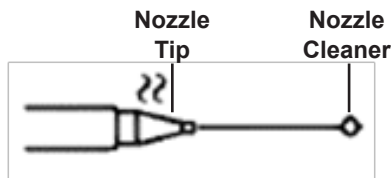
Normal	Attention Required	Solution
		Cleaning of the desoldering tip, heating element, spring filter, or fiber filter required
Indicator less than 50% blue	Indicator is more than 50% red	

Nozzle Tip Maintenance

Clean-up: Regularly cleaning the desolder tip on the supplied sponge (dampen before use) will help keep oxidation and flux off of your desoldering tip. Flux is a corrosive substance.

When Not In Use Make sure to set your Sleep Timer in the steps above. Keeping your desoldering iron at set temperature when not in use negatively impacts heating element life.
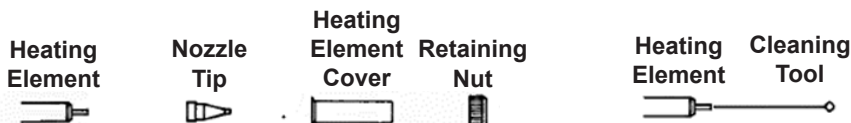
Cleaning the Nozzle Tip

With the desoldering unit powered on and at a working temperature, take the cleaning shaft included in the package contents and run it through the desoldering tip. This will help maximize the units desoldering efficiency.
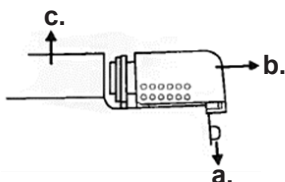
Cleaning the Heating Element

1. **With the unit cooled**, remove the retaining nut on the end of the heating element cover.

2. Power the unit on and wait until it comes up to working temperature.

3. Clean the inside of the heating element with cleaning shaft included with the unit.

4. Turn off the unit, **wait until cool**, and reassemble the desoldering gun.

Note: The solder inside of the heating element must melt before the excess solder can be cleaned out. If you cannot get the heating element clean, please replace the heating element.

Cleaning the Filter Tube

1. Turn off the power to the unit and **allow the desoldering gun to cool prior to removing the filter**.

    a. Press grip assembly release button (see diagram below)

    b. Grip assembly will slide back (see diagram below)

    c. Remove the filter chamber (see diagram below

2. Flex the spring filter to break up its contents and dispose of the waste.
   CAUTION: The filter chamber may be very hot. Use caution to avoid accidental burn.

Front Chamber Seal   Spring Filter   Filter Chamber   Fiber Filter

Filter assembly components need replacing when any of the following occur:

- The front seal should be replaced when becomes stiff or cracked
- The fiber filter should be replaced if there is too much flux or solder build up on the filter surface
- The spring filter should be replaced if it becomes more than two-thirds of the way blocked and are unable to clean it

X-TRONIC
INTERNATIONAL, INC.
3-YEAR WARRANTY

All X-Tronic Products come with 3-Year Guarantee, valid only in the 48 Contiguous United States. If you purchase this product and ship it to a destination outside of the 48 Contiguous United States this warranty becomes null and void. This Guarantee covers the main unit itself. Consumable parts such as soldering tips, heating elements, nozzles, etc. are not covered by this warranty.

The first 30 Days are covered by a Money Back or Replacement Guarantee from the date of the receipt of the product. If your product becomes damaged in shipment or is found to be defective in any way during this period, we will replace or issue a complete refund for your product upon return. We will pay all shipping involved during this first 30-day period.

The remainder of the 3 Years (after the first 30 days) is covered by a FREE REPAIR Guarantee (parts and labor included). If anything becomes defective during this period we will fix the issue and provide a full service inspection to your product, shipping (to & from) will be paid by the buyer. Please email us at Info@XTronicUSA.com to set up a service request.

Returns of New/Unused Products

If you have Buyer's Remorse and decide that you do not want the product, it must be returned NEW & UNUSED in the original box and you will pay the return shipping. PLEASE NOTE: There will be a 10% Restocking Fee and original Shipping Costs (if applicable) will not be refunded. **Used product cannot be returned.**

How To Register Your Warranty

Go to www.XTronicUSA.com. Click on "Register Your Warranty" tab and fill out the form. This is a fully secure website. Your information will never be sold or misused in any way. This registration site is strictly for order verification that will be used to speed up the process should you ever need to use your Warranty for service.

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QUESTIONS, PROBLEMS OR COMPLIMENTS?

Thank You for purchasing this
X-Tronic International Product!
We are grateful for your business!

All of our X-Tronic International Products are inspected then sealed with our NEW Product Seal prior to shipment. Our goal is to ensure Quality, Completeness, and Satisfaction for your order.

For Any Questions, Problems, or Compliments please call or email us.

☎ **Toll Free: 844-861-4762**
✉ **Info@XTronicUSA.com**

Our Business Hours are:
Monday - Thursday: 8am - 4pm CST
Friday: 8am - Noon CST

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WHEN YOU CARE ENOUGH TO USE THE VERY BEST!!!