

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Preciva](#) /

› [Preciva 902D II 750W Hot Air Soldering Station and Soldering Iron User Manual](#)

Preciva 902D II

Preciva 902D II 750W Hot Air Soldering Station and Soldering Iron User Manual

Model: 902D II

1. INTRODUCTION

Thank you for choosing the Preciva 902D II 750W Hot Air Soldering Station. This 2-in-1 device combines a hot air gun and a soldering iron, offering precise temperature control and energy-saving features for a wide range of soldering and desoldering applications. This manual provides essential information for safe and efficient operation.

2-in-1 Hot Air Soldering Iron Station



Figure 1: Preciva 902D II Hot Air Soldering Station Overview

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the device:

- **Electrical Safety:** Ensure the power supply matches the device's requirements. Do not operate with wet hands or in damp environments.
- **Heat Hazard:** The hot air gun and soldering iron reach very high temperatures. Avoid direct contact with skin or flammable materials.
- **Ventilation:** Use the device in a well-ventilated area to avoid inhaling fumes from soldering.
- **Eye Protection:** Always wear safety glasses to protect your eyes from solder splashes or fumes.
- **Proper Handling:** Place the hot air gun in its holder when not in use. Ensure the soldering iron is securely placed in its stand.
- **Maintenance:** Disconnect power before cleaning or performing maintenance.

3. PACKAGE CONTENTS

The Preciva 902D II package includes the following items:

- Preciva 902D II Soldering Station (with integrated hot air gun) x1
- Lead-free solder wire (30g) x1
- Soldering iron tips x5
- Hot air nozzles (5mm, 8mm, 10mm, 12mm) x4
- Soldering iron holder x1



Figure 2: Complete Kit Contents

4. SETUP

Follow these steps to set up your soldering station:

1. **Attach Hot Air Gun Holder:** Securely attach the hot air gun holder to the side of the main unit using the provided screws.
2. **Connect Hot Air Gun:** Plug the hot air gun cable into the designated port on the front panel.
3. **Connect Soldering Iron:** Plug the soldering iron cable into its designated port on the front panel.
4. **Place Soldering Iron Stand:** Position the soldering iron stand on a stable, heat-resistant surface near the main unit.
5. **Connect Power:** Ensure the power switch is OFF, then plug the power cord into the station and a grounded electrical outlet.



- | | | |
|--------------------------|------------------------|---------------------|
| 1. Air gun temp | 2. Air gun switch | 3. Air flow knob |
| 4. Air gun temp down key | 5. Air gun temp up key | 6. Power switch |
| 7. Iron handle port | 8. Iron temp down key | 9. Iron temp up key |
| 10. Iron switch | 11. Iron temp | |

Figure 3: Control Panel and Connections

5. OPERATING INSTRUCTIONS

The Preciva 902D II features dual LED screens for real-time temperature display and PID programmable temperature control for stable and accurate operation.

5.1. Power On/Off

Flip the main power switch located on the front panel to turn the unit ON or OFF.

5.2. Hot Air Gun Operation

- **Temperature Adjustment:** Use the 'Air gun temp up/down' keys to set the desired temperature between 100°C and 480°C. The dual LED screen will show the set and actual temperatures.
- **Airflow Adjustment:** Use the 'Air flow knob' to adjust the airflow intensity.
- **Auto Sleep Function:** The hot air gun automatically enters sleep mode when placed in its holder, cooling down to 100°C (212°F). It reactivates immediately when picked up.

Hot Air Gun Smart Auto Function



Figure 4: Hot Air Gun Auto Function

5.3. Soldering Iron Operation

- **Temperature Adjustment:** Use the 'Iron temp up/down' keys to set the desired temperature between 200°C and 480°C. The dual LED screen will show the set and actual temperatures.
- **Quick Heating:** The soldering iron features a rapid-heating ceramic core, reaching working temperature quickly.
- **Auto Standby:** The soldering iron automatically enters standby mode after 10 minutes of inactivity and fully sleeps after 30 minutes, extending the lifespan of the heating element and tips.



Figure 5: Dual Temperature Displays

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your soldering station:

- **Soldering Tip Cleaning:** Always clean the soldering tip using the wet sponge in the stand before and after each use.
- **Tip Tinning:** After cleaning, tin the tip with a small amount of solder to prevent oxidation and prolong its life.
- **Nozzle Cleaning:** Periodically clean hot air nozzles to ensure unobstructed airflow.
- **General Cleaning:** Keep the main unit and tools clean and free from dust and debris. Use a soft, dry cloth.
- **Tip Replacement:** Replace worn or damaged soldering tips and hot air nozzles as needed.

7. TROUBLESHOOTING

If you encounter issues with your Preciva 902D II, consider the following:

- **No Power:** Check the power cord connection and the main power switch. Ensure the outlet is functional.
- **No Heat/Incorrect Temperature:** Verify that the hot air gun and soldering iron are properly connected to the main unit. Check temperature settings on the LED display.
- **Poor Soldering Performance:** Ensure soldering tips are clean and properly tinned. Replace tips if they are heavily oxidized or worn.
- **Hot Air Gun Not Working:** Check if the hot air gun is correctly seated in its holder (if applicable for auto-start feature) and that its switch is on.

For persistent issues, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	902D II
Power (Wattage)	750 watts
Hot Air Gun Temperature Range	100°C - 480°C
Soldering Iron Temperature Range	200°C - 480°C
Display Type	LED
Item Weight	1.72 Kilograms
Package Dimensions	28.4 x 22.2 x 11.4 cm
Power Source Type	AC

9. WARRANTY AND SUPPORT

The Preciva 902D II Soldering Station comes with a manufacturer's warranty. For warranty details, technical support, or any product-related inquiries, please refer to the documentation included with your product or contact Preciva customer service directly. Keep your purchase receipt as proof of purchase.