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Pro'sKit 900-206

Pro'sKit 900-206 Helping Hands with Solder Iron Holder

User Manual

INTRODUCTION

The Pro'sKit 900-206 Helping Hands with Solder Iron Holder is a versatile tool designed to assist in various precision tasks, particularly soldering. It features a weighted base for stability, adjustable alligator clips to securely hold components, a magnifying lens for detailed work, and a dedicated holder for a soldering iron, complete with a cleaning sponge. This manual provides essential information for the safe and effective use of your device.



Image: The Pro'sKit 900-206 Helping Hands unit, featuring a heavy base, two adjustable alligator clips, a magnifying glass, a coiled soldering iron holder, and a sponge tray.

PACKAGE CONTENTS

Please verify that all components are present upon unpacking:

- Helping Hands Assembly (Base, Arms with Alligator Clips, Magnifying Lens)
- Solder Iron Holder (Coiled spring)
- Sponge

SETUP

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Assemble Base:** Ensure the main vertical rod is securely fastened into the weighted base.
3. **Attach Arms and Magnifier:** Loosen the thumb screws on the adjustable joints. Slide the arms with alligator clips and the magnifying lens onto the main vertical rod. Position them as desired and tighten the thumb screws to secure.
4. **Install Solder Iron Holder:** Insert the coiled spring solder iron holder into its designated hole on the base.
5. **Prepare Sponge:** Lightly dampen the included sponge with water and place it in the sponge tray on the

base. The sponge is used for cleaning the tip of your soldering iron.

Note: The joints are designed to be adjustable. If an arm does not hold its position, gently tighten the tensioning screw at the joint. Avoid over-tightening to prevent damage.

OPERATING INSTRUCTIONS

- Positioning Workpiece:** Use the alligator clips to securely hold your circuit board, wires, or small components. Adjust the angle and height of the clips by loosening and tightening the thumb screws on the arms.
- Using the Magnifier:** Position the 2.5X magnifying lens directly over your workpiece to enlarge the view for intricate soldering or inspection. Adjust its angle and distance for optimal clarity.
- Soldering Iron Placement:** When not actively soldering, place your hot soldering iron into the coiled spring holder. This keeps the hot tip safely away from your work surface and prevents accidental burns.
- Sponge Use:** Periodically wipe the tip of your hot soldering iron on the damp sponge to remove excess solder and oxidation, ensuring a clean tip for better solder joints.

MAINTENANCE

- **Cleaning:** Wipe down the metal components with a dry or slightly damp cloth to remove dust and debris. Avoid using abrasive cleaners.
- **Sponge Care:** Replace the sponge when it becomes heavily soiled or worn. Ensure the sponge is always damp during use for effective tip cleaning.
- **Joint Tension:** If the adjustable joints become loose over time, gently tighten the screws to restore stability.
- **Storage:** Store the unit in a clean, dry environment when not in use to prevent corrosion and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Arms do not hold position.	Joint screws are loose.	Gently tighten the thumb screws at the joints until the arms hold securely. Do not overtighten.
Magnifier view is blurry.	Incorrect distance or dirty lens.	Adjust the distance of the magnifier from the workpiece. Clean the lens with a soft, lint-free cloth.
Unit feels unstable.	Base not on a flat surface or main rod is loose.	Ensure the unit is placed on a flat, stable surface. Check that the main vertical rod is securely fastened to the base.

SPECIFICATIONS

Model: Pro'sKit 900-206

Magnification: 2.5X

Included Components: Helping Hands assembly (weighted base, adjustable arms with alligator clips, magnifying lens), Solder Iron Holder, Sponge.

Approximate Dimensions (Package): 5.3 x 3.4 x 2.7 inches

Approximate Item Weight: 1.4 Pounds

SAFETY INFORMATION

Always observe the following safety precautions when using this tool, especially in conjunction with a soldering iron:

- Use in a well-ventilated area to avoid inhaling solder fumes.
- Always wear appropriate eye protection when soldering.
- Ensure the soldering iron is placed securely in its holder when not in use.
- Keep the unit on a stable, non-flammable surface.
- Keep out of reach of children.
- Do not attempt to modify the unit.

WARRANTY AND SUPPORT

Pro'sKit products are manufactured to high-quality standards. For specific warranty information or technical support, please refer to the documentation provided with your purchase or visit the official Pro'sKit website. Please retain your proof of purchase for any warranty claims.

For further assistance, you may contact Pro'sKit customer service through their official channels.

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