

Cevik CE-PE600S

CEVIK PRO CE-PE600S Electronic Adjustable Welding Screen Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective use of your CEVIK PRO CE-PE600S Electronic Adjustable Welding Screen. Please read it thoroughly before operation to ensure proper functionality, safety, and longevity of the product. This welding screen is designed for professional use in MMA, MIG, and TIG welding applications, offering optimal protection through its dual filtration system.

SAFETY INFORMATION

Welding operations involve inherent risks. Always prioritize safety by adhering to the following guidelines:

- **Eye and Face Protection:** This welding screen provides protection against harmful ultraviolet (UV) and infrared (IR) radiation, sparks, and spatter. Ensure the screen is properly positioned and adjusted before commencing any welding task.
- **Ventilation:** Always work in a well-ventilated area to avoid inhaling welding fumes, which can be hazardous to your health.
- **Inspection:** Before each use, inspect the welding screen for any signs of damage, cracks, or loose parts. Do not use the screen if it is damaged. Replace any damaged components immediately.
- **Compatibility:** Ensure the welding screen is suitable for the specific welding process and current levels you are using. The CE-PE600S is designed for MMA, MIG, and TIG welding.
- **Cleaning:** Use only recommended cleaning agents and methods to avoid damaging the optical filters or helmet material.
- **Standards Compliance:** The CE-PE600S complies with relevant safety regulations and standards, ensuring reliable and quality protection.

PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included in your CEVIK PRO CE-PE600S package:

- CEVIK PRO CE-PE600S Electronic Adjustable Welding Screen
- Adjustable Headband Harness
- Instruction Manual
- Protective Outer Lenses (typically 3 pieces)



Image: Contents of the CEVIK PRO CE-PE600S package, including the welding screen, adjustable headband, manual, and spare protective lenses.

SETUP

Headband Assembly and Adjustment

The adjustable headband harness ensures a comfortable and secure fit, crucial for prolonged use without fatigue. Follow these steps to assemble and adjust your headband:

1. **Attach Headband:** Securely attach the headband harness to the welding screen using the designated slots or clips on the helmet.
2. **Adjust Headband Distance:** Use the adjustment knob located on the top of the headband to set the distance between the helmet and your face. This ensures optimal viewing angle and comfort.
3. **Adjust Headband Tightness:** Rotate the headband tightness adjustment button, typically located at the back, to achieve a snug fit around your head.
4. **Adjust Back Headband Tightness:** Utilize the additional adjustment points on the side of the headband to fine-tune the back tightness, providing further stability.



Image: Detailed view of the adjustable headband, highlighting the various adjustment points for tightness and distance to ensure a comfortable and secure fit.

OPERATING INSTRUCTIONS

Auto-Darkening Function

The CEVIK PRO CE-PE600S features an automatic darkening filter that instantly switches from a light state to a dark state when an arc is struck, and returns to the light state when welding stops. This provides continuous protection without the need to lift and lower the helmet.

Shade Adjustment

The welding screen allows for adjustable darkening levels from DIN 9 to DIN 13. This adjustment is typically made via an external knob on the side of the helmet, enabling you to select the appropriate shade for your specific welding application and current. The dual filtration system, combined with active carbon, provides optimal protection against harmful light.



Image: The CEVIK PRO CE-PE600S welding screen, illustrating the external knob for adjusting the shade level from DIN 9 to 13, and indicating protection against ultraviolet, infrared, and harmful light.

Welding Modes

This welding screen is suitable for various professional welding activities, including:

- **MMA (Manual Metal Arc) Welding**
- **MIG (Metal Inert Gas) Welding**
- **TIG (Tungsten Inert Gas) Welding**

MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your welding screen.

Cleaning

- **Outer Lenses:** Clean the outer protective lenses regularly with a soft, clean cloth and a mild cleaning solution. Avoid abrasive materials that could scratch the surface.
- **Auto-Darkening Filter:** Gently wipe the auto-darkening filter with a soft, lint-free cloth. Do not use harsh chemicals or solvents.
- **Helmet Body:** Clean the helmet body with a damp cloth and mild soap.

Battery Replacement

The CE-PE600S is solar-powered, but may contain a backup battery. If the auto-darkening function becomes inconsistent or fails, the internal battery may need replacement. Accessing the battery may require careful disassembly of the internal components. If you are unsure, it is recommended to contact a qualified service technician or the manufacturer for assistance to avoid damaging the unit.

Storage

Store the welding screen in a clean, dry place away from direct sunlight, extreme temperatures, and corrosive substances. Use the original packaging or a protective bag to prevent scratches and damage.

TROUBLESHOOTING

If you encounter issues with your welding screen, refer to the following common troubleshooting steps:

- **Screen Not Darkening:**
 - Ensure the solar cells are clean and exposed to sufficient light.
 - Check if the internal battery (if present) needs replacement or recharging.
 - Verify that the sensors on the front of the helmet are clean and unobstructed.
- **Poor Visibility / Unclear View:**
 - Clean the inner and outer protective lenses.
 - Ensure the shade level is correctly adjusted for the welding process.
 - Replace scratched or damaged protective lenses.
- **Helmet Feels Uncomfortable:**
 - Re-adjust the headband tightness and distance settings as described in the Setup section.
 - Ensure the helmet is balanced on your head.

If problems persist after attempting these solutions, please contact Cevik customer support.

SPECIFICATIONS

Feature	Specification
Manufacturer	CEVIK
Model Number	CE-PE600S
Product Dimensions	23.5 x 34 x 23.5 cm
Product Weight	800 g
Material	Plastic
Power Source	Solar Powered
Shade Range	DIN 9-13 (Adjustable)
Style	Protective Welding Screen
Color	Blue

WARRANTY AND SUPPORT

For warranty information, technical assistance, or to inquire about replacement parts for your CEVIK PRO CE-PE600S Electronic Adjustable Welding Screen, please refer to the documentation provided with your purchase or visit the official Cevik website. Contact details for customer service can typically be found there.