

## Hasselblad PM90

# Hasselblad PM90 Prism Viewfinder Instruction Manual

Model: PM90 (Part No. 4288)

## 1. INTRODUCTION

The Hasselblad PM90 Prism Viewfinder is a high-quality accessory designed for Hasselblad camera systems. It features a 90° low-profile design, providing an unreversed 2X enlarged image for precise framing and focusing. This viewfinder is equipped with a large, high eyepoint eyepiece and diopter adjustment, making it particularly suitable for users who wear eyeglasses. Optional interchangeable eyepieces are available for specific vision correction.



**Figure 1.1:** General view of the Hasselblad PM90 Prism Viewfinder.

## 2. SETUP AND INSTALLATION

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Follow these steps to properly install and configure your PM90 Prism Viewfinder:

1. **Attaching the Viewfinder:** Carefully align the PM90 Prism Viewfinder with the accessory shoe or mounting mechanism on your compatible Hasselblad camera body. Gently slide it into place until it is securely seated. Ensure the viewfinder is firmly attached to prevent accidental detachment during use.
2. **Diopter Adjustment:** The PM90 features a diopter adjustment ring on the eyepiece. Rotate this ring while looking through the viewfinder to achieve a sharp and clear focus for your individual vision. This adjustment is crucial for comfortable viewing, especially for users with eyeglasses.
3. **Compatibility Note:** Please be aware that the PM90 Prism Viewfinder is not compatible with the Magazine 70 and Magazine 100 for Polaroid film. Ensure your camera setup does not include these specific film magazines when using the PM90.



Figure 2.1: Underside view of the PM90, illustrating the mounting interface for attachment to the camera body.

### 3. OPERATING INSTRUCTIONS

The PM90 Prism Viewfinder enhances your photographic experience by providing a clear and magnified view:

- **Viewing and Framing:** Look through the eyepiece to compose your shot. The 2X enlarged, unreversed image allows for precise framing and critical focusing.
- **High Eyepoint Design:** The high eyepoint design ensures comfortable viewing, even for individuals wearing eyeglasses, by allowing them to see the full frame without needing to press their eye against the eyepiece.
- **Interchangeable Eyepieces:** If required, optional interchangeable eyepieces with correction strengths ranging from -4 to +3 diopters can be installed to further customize the viewfinder to your vision. Consult your Hasselblad dealer for available options and installation instructions.



**Figure 3.1:** Close-up view of the PM90 eyepiece, showing the diopter adjustment ring.

## 4. MAINTENANCE AND CARE

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Proper maintenance will ensure the longevity and optimal performance of your PM90 Prism Viewfinder:

- **Cleaning the Optics:** Use a soft, lint-free microfiber cloth specifically designed for optical surfaces to gently wipe the eyepiece and prism glass. Avoid using abrasive materials or harsh chemical cleaners, which can damage coatings. For stubborn smudges, apply a small amount of approved lens cleaning solution to the cloth, not directly to the optical surfaces, then gently wipe.
- **General Care:** Keep the viewfinder free from dust, moisture, and extreme temperatures. When not in use, store the viewfinder in a protective case or bag to prevent scratches, impacts, and environmental damage.
- **Storage:** Store the viewfinder in a dry, cool place away from direct sunlight and corrosive chemicals.

## 5. TROUBLESHOOTING

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If you encounter issues with your PM90 Prism Viewfinder, consider the following:

- **Image Unclear or Out of Focus:**
  - Ensure the diopter adjustment on the eyepiece is correctly set for your vision.
  - Check for any dust, smudges, or condensation on the eyepiece or the prism glass. Clean as per the maintenance instructions.
  - Verify that the viewfinder is securely attached to the camera body.
- **Viewfinder Not Attaching Properly:**

- Confirm that your camera model is compatible with the PM90.
- Ensure no other accessories (e.g., specific film magazines like Magazine 70 or 100) are preventing proper attachment.
- Check for any physical obstructions or damage to the mounting points on both the viewfinder and the camera.

If problems persist, contact Hasselblad customer support or an authorized service center.

## 6. SPECIFICATIONS

Detailed specifications for the Hasselblad PM90 Prism Viewfinder:

Feature	Specification
Model Number	4288
Viewfinder Type	90° Low Profile Prism Viewfinder
Magnification	2X Enlarged Image
Image Orientation	Unreversed
Eyepiece	High Eyepoint with Diopter Adjustment
Diopter Range	-4 to +3 Diopters (with interchangeable eyepieces)
Dimensions (W x H x L)	78 mm (3.1") x 84 mm (3.3") x 156 mm (6.1")
Weight	485 g (17.1 oz)
Manufacturer	Hasselblad

## 7. WARRANTY AND SUPPORT

**Warranty Information:** Specific warranty details for the Hasselblad PM90 Prism Viewfinder are not included in this manual. For the most current and comprehensive warranty terms and conditions, please refer to the official Hasselblad website or contact your authorized Hasselblad dealer.

**Customer Support:** For technical assistance, service inquiries, or further information regarding your PM90 Prism Viewfinder, please visit the official Hasselblad website or contact their customer support department. Contact details can typically be found on the Hasselblad website under the 'Support' or 'Contact Us' sections.