

## Detecto 339

# Detecto Model 339 Mechanical Physician Scale Instruction Manual

Eye Level with Height Rod, 400 lbs Capacity

## INTRODUCTION

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This manual provides instructions for the proper setup, operation, and maintenance of your Detecto Model 339 Mechanical Physician Scale. This scale is designed for accurate weight measurement and includes an eye-level height rod for convenience. Please read this manual thoroughly before using the scale to ensure safe and correct operation. The Detecto Model 339 features a durable construction with a dual-reading die-cast beam, allowing measurements in both pounds and kilograms. The platform cover is removable for easy cleaning.

## IMPORTANT SAFETY INFORMATION

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- Always place the scale on a firm, level surface to ensure accurate readings.
- Do not exceed the maximum weight capacity of 400 lbs (180 kg).
- Keep the scale clean and dry. Avoid exposing it to excessive moisture.
- Do not attempt to disassemble or repair the scale yourself. Refer to qualified service personnel.
- Ensure the height rod is properly secured before and after use to prevent injury.

## SETUP AND ASSEMBLY

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The Detecto Model 339 scale typically arrives partially assembled. Follow these steps for final assembly and initial setup:

1. **Unpacking:** Carefully remove all components from the packaging. Verify all parts are present according to the packing list.
2. **Placement:** Position the scale on a hard, flat, and stable surface. Uneven surfaces can affect accuracy.
3. **Height Rod Assembly:** If the height rod is not pre-installed, carefully attach it to the designated slot on the scale column. Secure it with the provided fasteners. Ensure it moves smoothly up and down.

4. **Leveling:** Check that the scale is level. Some models may have adjustable feet for fine-tuning.
5. **Zero Adjustment:** Before first use, ensure the scale is properly zeroed. The weight beam should be balanced at the zero mark when no weight is on the platform. Use the zero adjustment knob (if present, typically located near the beam) to calibrate if necessary.



*Image: Detecto Model 339 Mechanical Physician Scale. This image shows the complete scale with the eye-level height rod and the weight beam.*

## OPERATING INSTRUCTIONS

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### Measuring Weight:

1. Ensure the scale is on a level surface and the weight beam is balanced at zero.
2. Step onto the center of the scale platform. Stand still.
3. Adjust the large and small weight sliders on the beam until the beam balances perfectly in the center.
4. Read the weight indicated by the sliders. The scale provides dual readings in both pounds and kilograms.
5. Step off the scale. Return the sliders to their zero positions for the next measurement.

### Measuring Height:

1. Ensure the person is standing upright on the scale platform, with their back against the height rod column.
2. Gently lower the headpiece of the height rod until it rests lightly on the top of the person's head.
3. Read the height measurement from the indicator on the height rod. The rod measures in both inches and centimeters.
4. Raise the headpiece after use to prevent obstruction.

## MAINTENANCE AND CARE

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- **Cleaning:** The platform cover can be easily removed for cleaning. Use a mild soap and damp cloth to clean the scale surfaces. Avoid abrasive cleaners or solvents.
- **Storage:** Store the scale in a dry, stable environment.
- **Calibration:** Regular calibration checks are recommended to ensure continued accuracy. If the scale consistently reads inaccurately after zeroing, professional calibration may be required.
- **Inspection:** Periodically inspect the scale for any signs of wear or damage, especially to the height rod mechanism and the weight beam.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Inaccurate Weight Readings	Scale not level; Zero not set correctly; Debris under platform; Damaged mechanism.	Ensure scale is on a flat, level surface. Re-zero the scale. Check for obstructions. If problem persists, contact support.
Height Rod Sticks or is Difficult to Move	Dust or dirt accumulation; Misalignment; Damaged components.	Clean the height rod track. Ensure proper assembly. Do not force movement. Contact support if damaged.
Beam Does Not Balance	Zero not set; Sliders not at zero; Internal mechanism issue.	Verify sliders are at zero and adjust the zero knob. Ensure no weight is on the platform. If issue continues, seek professional service.

## SPECIFICATIONS

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- **Model:** Detecto 339
- **Type:** Mechanical Physician Scale
- **Capacity:** 400 lbs / 180 kg
- **Measurement Type:** Pounds and Kilograms (Dual Reading)
- **Features:** Eye-Level Height Rod (inches and centimeters), Removable Platform Cover
- **Construction:** Rigid, Die-Cast Beam
- **Manufacturer:** Detecto

## WARRANTY INFORMATION

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Detecto scales are manufactured with precision engineering and rigid construction, ensuring durability and accuracy. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Detecto website. Keep your purchase receipt as proof of purchase for any warranty claims.

## CUSTOMER SUPPORT

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For technical assistance, parts, or service inquiries regarding your Detecto Model 339 scale, please contact Detecto customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

**Online Resources:** [www.detecto.com](http://www.detecto.com)

