



Manuals.plus /

› THIKPO /

› THIKPO TK063 Digital Brake Fluid Tester User Manual

THIKPO TK063

THIKPO TK063 Digital Brake Fluid Tester User Manual

Model: TK063

1. INTRODUCTION

The THIKPO TK063 Digital Brake Fluid Tester is a high-sensitivity device designed for accurately measuring the moisture content in various types of brake fluid. This manual provides essential information for the safe and effective use of your tester, including setup, operation, maintenance, and troubleshooting.

The TK063 is compatible with DOT3, DOT4, DOT5.1, EVN4, and EVN6 brake fluid types.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product. Failure to follow these instructions may result in injury or damage to the device.

- Always wear appropriate personal protective equipment, such as gloves and eye protection, when handling brake fluid.
- Brake fluid is corrosive. Avoid contact with skin, eyes, and painted surfaces. In case of contact, rinse immediately with plenty of water.
- Keep the device and brake fluid out of reach of children and pets.
- Do not immerse the main body of the tester in any liquid. Only the flexible probe is designed for immersion.
- Ensure the probe is clean and dry before and after each use to prevent contamination and ensure accurate readings.
- Dispose of used brake fluid and contaminated cleaning materials according to local environmental regulations.

3. PRODUCT OVERVIEW AND COMPONENTS

The THIKPO TK063 Digital Brake Fluid Tester is designed for ease of use and accurate results. Familiarize yourself with its components:

- **Main Unit:** Houses the LCD display, control buttons, and battery compartment.
- **Flexible Probe:** A 10.35-inch (26.3 cm) corrosion-resistant zinc alloy probe for accessing brake fluid reservoirs.
- **LCD Display:** Provides clear readings, fluid type selection, and moisture content levels with color-coded alerts.
- **Control Buttons:** For power, fluid type selection, backlight adjustment, and buzzer control.
- **Calibration Port:** For manual fine-tuning of the sensor.

What's in the Box:

- 1 x Brake Fluid Tester Main Unit
- 1 x User Manual (this document)
- 2 x AA High-quality batteries



Image 1: THIKPO TK063 Digital Brake Fluid Tester and included AA batteries.



Image 2: The TK063 tester supports multiple brake fluid types including DOT3, DOT4, DOT5.1, EVN4, and EVN6.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment on the back of the main unit.
2. Open the battery compartment cover.
3. Insert the two AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4.2 Initial Power-On

Press and hold the power button (usually the central button with a power symbol) to turn on the device. The LCD display will illuminate.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **To Power On:** Press and hold the central power button.
- **To Power Off:** Press and hold the central power button again. The device also features an auto-shutoff function after 5 minutes of inactivity to conserve battery life.

5.2 Fluid Type Selection

Before testing, select the correct brake fluid type:

1. With the device powered on, press the dedicated buttons for DOT3, DOT4, DOT5.1, EVN4, or EVN6 to cycle through the fluid types.
2. Ensure the selected fluid type on the display matches the brake fluid you are testing.

5.3 Testing Procedure

1. **Prepare the Probe:** Ensure the flexible probe is clean and dry.
2. **Immerse the Probe:** Carefully immerse the metal tip of the flexible probe into the brake fluid reservoir. Ensure the probe tip is fully submerged in the fluid. The 10.35-inch flexible gooseneck hose allows easy access to narrow spaces.
3. **Read Results:** The LCD display will show the moisture content percentage within seconds.
4. **Interpret Readings:** The display uses color-coded alerts for easy interpretation:
 - **Green (0%):** Indicates good brake fluid quality.
 - **Yellow (1-2%):** Indicates brake fluid should be replaced soon.
 - **Red (3-4%):** Indicates brake fluid needs immediate replacement.
5. **Buzzer Alarm:** The device features a switchable buzzer alarm that activates for high moisture content (Red alert). Press the buzzer button to toggle it on or off.
6. **Clean After Use:** After each test, thoroughly clean the probe with a clean cloth to remove any brake fluid residue. Rinse with water if necessary, then dry completely.

COLORFUL LARGE LCD VIEWABLE DISPLAY



Image 3: The colorful LCD display provides clear readings of brake fluid moisture content, with visual indicators for good, normal, and bad quality.

HIGH SENSITIVE CHIP PROBE

Instant & Accurate Test



Image 4: The 10.35-inch 360° flexible probe is made of corrosion-resistant zinc alloy, designed for durability and easy access to brake fluid reservoirs.

5.4 Manual Calibration

The TK063 features a precision calibration port for maintaining laboratory-level accuracy over its lifespan. This compensates for potential sensor drift.

1. Locate the calibration port on the device (refer to the product diagram if available).
2. Using a standard screwdriver, carefully adjust the calibration screw as needed. Refer to the specific calibration procedure in the full manufacturer's guide for detailed steps, typically involving testing with known fluid samples.

5.5 Data Hold Function

Press the 'Hold' button (if available, typically indicated by a 'H' or similar icon) to freeze the current reading on the display. Press it again to release.

5.6 Adjustable Backlight

The LCD display backlight can be adjusted for optimal visibility in various lighting conditions. Press the backlight button (typically indicated by a sun icon) to cycle through brightness levels.



Image 5: Overview of the TK063's functions, including power display, calibration button, adjustable backlight, and switchable buzzer.

5.7 Product Demonstration Video

Video 1: A demonstration of the THIKPO Brake Fluid Tester in use, showing its features and how it indicates brake fluid quality.

6. MAINTENANCE

6.1 Cleaning the Probe

After each use, wipe the flexible probe thoroughly with a clean, lint-free cloth to remove any brake fluid residue. If necessary, rinse the probe tip with clean water and ensure it is completely dry before storage or next use. Do not use harsh chemicals or abrasive materials.

6.2 Battery Replacement

When the battery level indicator on the LCD display shows low power, replace the two AA batteries as described in Section 4.1. Remove batteries if the device will not be used for an extended period to prevent leakage.

6.3 Storage

Store the THIKPO TK063 in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Dead or incorrectly installed batteries	Check battery polarity; replace with fresh AA batteries.
Inaccurate readings	<ul style="list-style-type: none">Probe not cleanIncorrect fluid type selectedSensor drift	<ul style="list-style-type: none">Clean the probe thoroughly.Ensure the correct brake fluid type is selected.Perform manual calibration (refer to Section 5.4).
Buzzer not sounding	Buzzer is turned off	Press the buzzer button to turn it on.
Display is dim or flickering	Low battery or backlight setting	Replace batteries; adjust backlight brightness.

8. SPECIFICATIONS

- **Model:** TK063
- **Compatible Fluid Types:** DOT3, DOT4, DOT5.1, EVN4, EVN6
- **Probe Length:** 10.35 inches (26.3 cm)
- **Probe Material:** Corrosion-resistant zinc alloy
- **Accuracy:** 0.1%
- **Display:** Colorful LCD with visual and audio alerts
- **Power Source:** 2 x AA batteries
- **Auto-Shutoff:** After 5 minutes of inactivity
- **Item Weight:** Approximately 8.8 ounces (249 grams)
- **Package Dimensions:** 9.92 x 4.84 x 1.61 inches (25.2 x 12.3 x 4.1 cm)

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation provided with your purchase or visit the official THIKPO website. If you encounter any issues or require technical assistance, please contact THIKPO customer support through their official channels.