

# DIGITAL BRAKE FLUID TESTER

MODEL NO: CDBT2 PART NO: 4501149

# OPERATION & MAINTENANCE INSTRUCTIONS





**ORIGINAL INSTRUCTIONS** 

**DL0224** 

## INTRODUCTION

Thank you for purchasing this CLARKE product.

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

## **GUARANTEE**

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

## **ENVIRONMENTAL RECYCLING POLICY**



Through purchase of this product, the customer is taking on the obligation to deal with the WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

In effect, this means that this product must not be disposed of with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised waste disposal facility.

## **SAFETY INSTRUCTIONS**



CAUTION: PLEASE READ THESE INSTRUCTIONS AS WELL AS THOSE IN YOUR VEHICLE HANDBOOK VERY CAREFULLY BEFORE USING THE TESTER. KEEP THEM IN A SAFE PLACE FOR FUTURE REFERENCE.

- 1. **ALWAYS** use a standard 5V USB charging port and the USB Type-C cable supplied to charge the device.
- 2. **ALWAYS** keep away from heat sources and combustible and flammable materials when charging.
- 3. If brake fluid accidentally comes into contact with skin, rinse area with plenty of water. If brake fluid accidentally comes into contact with eyes, rinse eyes with plenty of water and seek urgent medical attention.

## **SPECIFICATION**

Application Types	DOT3, DOT4, DOT5.1	
Built-in Battery Type, Capacity & Run Time	Lithium Polymer, 600mAh, 10 Hours	
Charging Voltage	5V, USB Type-C Charging Port	
Display	Monochrome LCD	
Protection	Built-in Fuse with Overcurrent Protection	
Working Temperature	-20°C ~ 70°C	
Storage Temperature	-30°C ~ 80°C	
Measurements (LxWxD)	370mm x 50mm x 40mm	
Weight	131g	

## **DISPLAY IDENTIFICATION**





1	LCD Display Screen	6	Lock Button
2	Detection Probe Head	7	Mode Button
3	Light Button	8	300mm Type-C Charging Cable
4	Sound On/Off Button	9	Worklight
5	On/Off Button		

## **OPERATION**

## **OVERVIEW**

This product is a handheld vehicle testing device, which can determine whether the brake fluid needs to be replaced by detecting the water content in the brake fluid. It can be used to detect water content in common brake fluids such as DOT3, DOT4 & DOT5.1.

#### MAIN FUNCTIONS

- 1. To check the reliability of brake fluid, display the percentage of water content and test results.
- 2. Built-in alarm function. An alarm tone will be emitted when the brake fluid needs to be replaced.
- 3. Built-in one key lock screen function to lock test results.
- 4. Support to detect DOT3, DOT4 & DOT5.1, the three most common brake fluids.
- 5. The detection probe head and hose are integrated to achieve IP67 waterproof.
- 6. Built-in lithium polymer battery with USB Type-C charging cable.
- 7. Automatic shutdown when not in operation.

## **INSTRUCTIONS**

- 1. Press the 'ON' button to turn the device on. After starting up, a fixed interface display will appear, and the backlight will be lit at the same time.
- 2. Press the 'MODE' button to switch between the type of brake fluid to be tested. Three types of brake fluid can be selected: DOT3, DOT4 & DOT5.1.
- 3. Insert the metal probe head into the brake fluid to be tested, the screen will automatically display the water content of the selected brake fluid and the test results.
  - If the water content is less than 1%, it means the brake fluid is good.

- If the water content is between 1.5% & 2.5%, it means the brake fluid is poor.
- If the water content is more than 3%, it means that the brake fluid water content is too high and needs to be replaced.
- 4. Press the 'LOCK' button to lock the test results for easy viewing or sharing.
- 5. Press the 'LIGHT' button to turn on or off the worklight function.
- 6. Press the 'SOUND' button to turn the alarm on or off.
- 7. Charging: Plug the USB Type-C charging cable into the charging slot at the bottom of the tester and the other end of the cable into a standard 5V USB charging port. The battery indicator is in the bottom right-hand corner of the display screen, when all 3 bars are solid the battery is fully charged. Charging from flat will take approximately 6 hours.

#### **PRECAUTIONS**

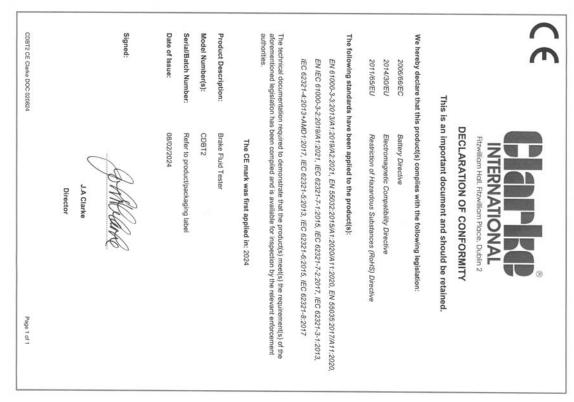
- 1. The metal probe terminal must be completely immersed in the brake fluid, otherwise the test accuracy will be affected.
- 2. After each test, wipe the probe with clean paper or cloth towel to avoid leaving oil stains, otherwise it may affect the accuracy of the next test.
- 3. The device has a built-in lithium polymer battery, avoid long term exposure to high temperatures.

### **CLEANING**

- **DO NOT** use any liquid cleaning product.
- **DO NOT** use any inflammable cleaning product.
- **DO NOT** submerge the main body of the device or spill any liquids over it.
- If needed, clean the device with a light, damp, soft cloth.

## **DECLARATION OF CONFORMITY**





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