



INSTRUCTIONS FOR  
**BRAKE FLUID TESTER**  
MODEL NO: **VS0271**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to  
Instruction  
Manual



Wear eye  
Protection



Wear  
Protective  
Gloves



Warning:  
Hot  
Surface

## 1. SAFETY

- ✓ Keep children and unauthorised persons away from the work area.
- ✓ Keep work area clean and tidy and free from unrelated materials.
- ✓ Ensure the work area has adequate lighting.
- ✗ **DO NOT** touch the probe whilst switched on it will be hot.
- ✗ **DO NOT** use the tester to perform a task for which it is not designed.
- ✗ **DO NOT** allow untrained persons to use the tester.
- ✗ **DO NOT** use whilst under the influence of drugs, alcohol or intoxicating medication.
- ✓ After use, clean equipment and store in a cool, dry, childproof area.
- BRAKE FLUID SAFETY**
- ✓ Always read and comply with the warnings on the brake fluid manufacturer's container.
- ✓ Wear eye protection and keep skin contact to a minimum. If brake fluid enters eyes rinse with plenty of water and seek medical advice.
- ✓ If swallowed seek medical advice immediately.
- ✓ Dispose of waste brake fluid in accordance with local authority regulations.
- ☐ **WARNING!** Brake fluid will damage paintwork. Any spillage should be flushed with water immediately.
- ☐ **WARNING!** Brake fluid is flammable - keep away from sources of ignition, including hot surfaces e.g. exhaust manifold.

## 2. INTRODUCTION

The VS0271 utilises the approved method of testing the water content of brake fluid. A moisture content of just 3% can lower the brake fluid boiling point by over 100°C. The best way to detect this small water content is to measure the boiling point of the fluid. The unit incorporates a heater element, an LCD display and a power lead for use on 12Volt DC power supplies and comes in its own carry case. The unit works on DOT 3, 4 and 5.1 specification fluids.

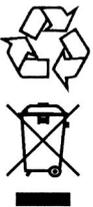
## 3. OPERATION

- 3.1. BRAKE FLUID TESTING PROCEDURE.**
- ☐ **WARNING!** The unit should only be switched on when the probe tip is fully immersed in brake fluid otherwise the heating element may be damaged and your warranty invalidated.
  - REFER TO THE ILLUSTRATED CARD WHEN READING THESE INSTRUCTIONS.**
  - NOTE.** The probe must be inserted into the brake fluid to a minimum depth of 25mm in order to cover the hole on the side of the probe tip which allows the free flow of the fluid around the heating element inside. If the design of the vehicle's master cylinder does not allow the probe to be inserted to a minimum depth of 25mm then some fluid must be drawn out of the master cylinder using the plastic pipette and placed into the small plastic container provided so that the probe tip can be fully immersed. In either case the unit should not be switched on until the probe is fully covered.
  - 3.1.1. Wear gloves and eye protection during the test procedure and have a cloth or absorbent paper available to remove excess brake fluid from the probe tip.
  - 3.1.2. Remove the cap from the vehicle's master cylinder reservoir and ensure that the battery terminals are clean and accessible for connection when required.
  - 3.1.3. Uncoil the cable from the unit and remove the protective cap from the probe tip (1).
  - 3.1.4. Connect the cable clamps to the battery ensuring correct polarity (2). (Red clamp to the positive + terminal and the black clamp to the negative - terminal.)
  - ☐ **WARNING!** probe gets very hot, **DO NOT** touch, allow to cool before putting back in the case or laying down on bench etc.
  - 3.1.5. Immerse the probe tip into the brake fluid to the required depth of 25mm. To get an accurate reading the control switch should be held on for 30 seconds (3). At the end of this period release the switch, observe the temperature readout and refer to the chart below.

Temperature range	230°C	<>	200°C	<>	180°C	<>	115°C
Fluid condition	Good		Poor		Unsafe		
Fluid renewal	Not necessary		Recommended		<b>IMMEDIATE</b>		

- 3.1.6. Lift the probe up from the brake fluid reservoir and allow the fluid contained within the tip to drain back into the reservoir (4). Before moving the tester away from the reservoir wipe excess fluid from the tip to avoid dripping brake fluid onto any paintwork (5).

3.1.7. Replace the protective cap onto the probe tip and recoil the cable around the unit (6). Replace the unit into the carry case together with any accessories and store safely.



#### **Environmental Protection**

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

#### **WEEE Regulations**

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**IMPORTANT:** No liability is accepted for incorrect use of this product.

**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.



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