

**DRAPER**<sup>®</sup>

# DAMP DETECTOR

**34873 – DD1B** INSTRUCTIONS FOR USE

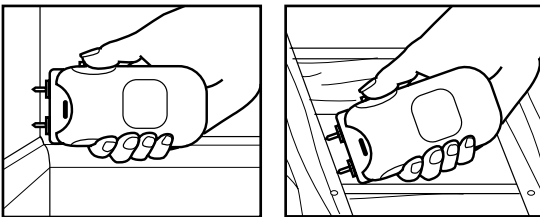
## 1. Specification

|           |         |
|-----------|---------|
| Stock No. | 34873   |
| Part No.  | DD1B    |
| Battery   | 9V, PP3 |

## 2. Health and Safety Information

- Read this manual in full before using this product and retain these instructions for future use.
- While this device is intended to detect moisture within surfaces, it should not be used in wet atmospheric conditions.
- **DO NOT** immerse this device in water or allow the battery to come into contact with liquids.
- **DO NOT** abuse, mutilate or burn the battery.
- Check the device carefully before use.
  - **DO NOT** use this product if it is damaged in any way or there is evidence of battery leakage.

## 3. Operating Instructions



### 3.1 Checking the Detector Before Use

This detector is highly sensitive and familiarity with the tones it emits is essential for effective use. To hear the device's response to different moisture levels, hold the button on the right of the device and place the probes on the palm of your hand, then on the back of your hand. The different moisture levels are indicated by the change in pitch of the audible tone.

**Important:** Test the detector in this way before **EVERY** use. If the LED does not light, or there is no audible signal, test or replace the battery.

### 3.2 Testing for Damp

To test for damp, touch the probes against the surface and press the button on the device. If moisture is present, the detector will emit an audible tone. The more moisture present, the higher the pitch of the tone.

**Important:** When testing softer surfaces, like wood, wallboard or plasterboard, the probes should slightly penetrate the surface and pierce any layers of paint.

- **NO AUDIBLE SIGNAL** indicates that the area being tested is dry and not at risk from damp and is therefore ready for decorating.
- **SLOW CLICKING** indicates slightly higher than normal levels of moisture.
  - If this occurs, test a wider area and attempt to trace the source of the moisture (see **3.3 Tracing Sources of Damp**).
  - Materials may need to be replaced if moisture persists at a consistent level for prolonged periods.
- **A HIGH PITCHED CONTINUOUS TONE** indicates a high level of moisture in the area being tested; take remedial action immediately.

**Important:** New plastering and fresh timberwork should be allowed to dry out before decorating.

**Important:** The correct diagnosis of some damp problems is complex. If you cannot trace the cause of damp, or are uncertain as to what remedial action to take, always consult a specialist surveyor or damp treatment company.

**Important:** This detector may sometimes give a positive audible detection on walls that have been successfully treated for rising damp. This is due to the presence of moisture-absorbing salts that may be used as part of the treatment.

### 3.3 Tracing Sources of Damp

Test the surface at regular intervals of approximately 100mm (4") until the highest pitched signal is heard or the detector is clicking fastest; this will identify the dampest area. Continue to test around the dampest area to identify the direction and spread of the damp from the source.

## 4. Maintenance and Disposal

### 4.1 Cleaning and Storage

- Clean the product regularly using a dry cloth.
  - CAUTION! NEVER use aggressive chemicals to clean the product as these may damage plastic or insulated parts.**
- Remove the cap from the base of the device and fit it over the probes if the detector will not be used for prolonged periods.
- Store the product in a clean and dry location, out of reach of children.

### 4.2 Replacing the Battery

The detector is powered by a 9V PP3 type battery (not supplied). The LED illuminates when the button is pressed if there is power to the device.

To replace the battery, slide the battery cover away from the rear of the device, disconnect the battery from the contacts and install a new one in its place.

### 4.3 Disposal

At the end of its working life, or when it can no longer be repaired, dispose of this product according to local regulations. Contact your local authority for details of collection schemes in your area.

In all circumstances:

- **DO NOT** dispose of this product with domestic waste.
- **DO NOT** incinerate.
- **DO NOT** abandon in the environment.
- Dispose of the battery separately and in accordance with local regulations or return it to your warranty agent or stockist for recycling.
- **DO NOT** burn or mutilate batteries as this may release toxic or corrosive materials.

## 5. Explanation of Symbols



Read the instruction manual



**Warning!**



Do not abandon in the environment



Requires 1 x 9V battery (not supplied)



Do not incinerate or throw onto fire



UK Conformity Assessed



European conformity



WEEE – Waste Electrical & Electronic Equipment

Do not dispose of Waste Electrical & Electronic Equipment in with domestic rubbish