

BUILDING SURVEY INSPECTION KIT



A complete kit for moisture and humidity measurement of ambient conditions and the Building Envelope. Featuring the Tramex MRH III digital moisture meter allowing for non-invasive testing of moisture conditions in numerous building materials such as drywall, wood, plaster, brick, tiles, resilient flooring, laminates and roofing. The MRH III and reusable Ambient Relative Humidity Hygro-i2 Short Probe allow for testing relative humidity, temperature and dew point in the environment, and when used in conjunction with the infrared surface thermometer allow for the determination of high RH conditions and condensation conducive to microbial growth requiring remediation. BS 8201, 8203, 5325 in situ and hood relative humidity testing can be done in concrete slabs (with optional hood). The heavy-duty pin-probes measure moisture content in wood, and the insulated 200mm pins allow for deep wall probing. The Building Survey Inspection Kit comes in a protective heavy-duty carrying case with die-cut foam lining.



- KIT CONTENTS**
1. MRH III – moisture and humidity meter.

2. Ambient Relative Humidity Hygro-i2 Short Probe.

3. 8 x Hole liners and caps.

4. Heavy-duty pin-type wood probe.

5. Heavy-duty pin-type wood hammer probe.

6. 200mm insulated pins for in-depth pin probe penetration.

7. Infrared thermometer.

8. Calibration Check Salts for RH probe.
- Product Code: BSIK5.2**

FEATURES OF MRH III

- Deep signal, non-destructive penetration up to 30mm in wood and drywall in non-destructive mode.
- Detects moisture through paint, wall coverings, drywall, ceramic tiles, floor coverings, wood, roof coverings and most building materials.
- Hold function “freezes” meter reading when inspecting areas where the meter face is not visible.
- Audio signal sounds when meter indicates high readings.
- Large clear backlit digital display giving meaningful readings.
- Accuracy in very low moisture content readings and up to 55% moisture content readings in wood in non-invasive mode.
- Attachable pin-type wood probe for accessing hard to reach areas and for probing into wall cavities and wood. (optional)
- Attachable Relative Humidity probe for testing of relative humidity, temperature, dew point and grains per pound readings all shown on one clear display, as well as in situ or hood testing of concrete per BS 8201, 8203, 5325 (optional)

MEASURING RANGE

Depth of penetration:	up to 30mm (1¼") (in wood, drywall)
Reference scale for building materials	0 to 100
Relative Humidity (with optional RH probe)	0 to 99%
Humidity accuracy:	0% to 99%RH +/- 2% @ 25°C / 77°F
Wood Non-invasive Mode	5 to 55%MC (at SG of 0.3)
Wood Invasive Mode (with optional wood pin probes)	7 to 40%MC

SPECIFICATIONS OF KIT

Size:	16.9" x 13.6" x 5.1" (430mm x 345mm x 130mm)
Weight:	8.2lbs (3.72kg)
Power:	2 x 9 volt PP3 Batteries (included)



Non-destructive
BSIK5.2-EU 09/18 REV.1.1



Ambient conditions



Pin Probe