

# ROOF INSPECTION KIT



The Roof Inspection Kit allows for point-of-contact, non-destructive checking of moisture conditions in roofing and waterproofing systems up to approximately 4 inches in depth, as well as non-destructive measurement of moisture conditions in concrete decks, measurement of moisture conditions in wood decks, and ambient relative humidity and dew point conditions. This kit comes in a protective heavy-duty carry case with die-cut foam lining. The Roof Inspection Kit is used to perform ASTM D7954.



## KIT CONTENTS

1. RWS - Roof and Wall Scanner + telescopic handle (for use on roofs)
2. CMEX II - concrete meter.
3. 1 x Hygro-i2<sup>®</sup> probe.
4. Hand held electrode with 7" insulated pins.
5. Hole Punch.
6. Infrared thermometer.

Product Code: RIK5.1

## FEATURES OF RWS

- For non-destructive moisture evaluation of Roofs, EIFS, foam insulation systems & other building envelope applications.
- To evaluate the extent of the moisture problem and help trace and pin-point its source.
- Multi-mode functions allowing for depth penetration and sensitivity selection.
- Fast and easy to operate giving instant clear readings.

## MEASURING RANGE - CMEX II

Depth of penetration in concrete: (NDT*)	approx. ¾" (20 mm)
Moisture content for Concrete: (NDT*)	0 to 6.9%
Comparative for Gypsum floor screed: (NDT*)	0 to 10
Reference scale: (NDT*)	0 to 100
Moisture content for wood (with pin probes):	7 to 40%
Relative Humidity (RH probe):	0 to 99%
Humidity accuracy:	0% to 99%RH +/- 2% @ 25°C / 77°F

## FEATURES OF CMEX II

- Measures up to 6.9% Moisture Content in Concrete.
- Large clear backlit digital display.
- Hold function "freezes" meter reading when inspecting areas where the meter face is not visible.
- Attaches to a relative humidity Hygro-i2<sup>®</sup> probe for in situ testing of concrete and ambient conditions.
- 7% to 40% Moisture Content measurement in Wood using Pin-type probe attachment.
- 7 inch Pin probe for deep penetration.

## MEASURING RANGE - RWS

Depth of penetration:	4" (100mm)
Reference scale: (NDT*)	0 to 100

## SPECIFICATIONS OF KIT

Size:	19.2" x 14.9" x 5.7" (487mm x 380mm x 145mm)
Weight:	9.9lbs (4.51kg)
Power:	3 x 9 volt PP3 Batteries (included)

\* NDT - non-destructive test



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