



WORLD WIDE WATER



# MTA ROOF SCAN®

Efficient and pinpoint leak  
detection for flat roofs

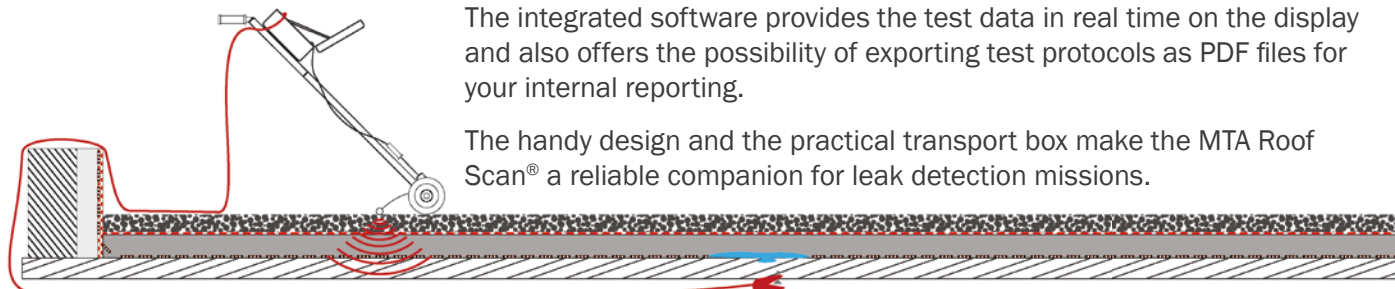




# MTA ROOF SCAN®

## THE ADVANTAGES OF THE MTA ROOF SCAN AT A GLANCE

The MTA Roof Scan® is an innovative leak detection device for use on all types of flat roofs. Precise location of leaks is possible with the MTA Roof Scan® without time-consuming preparations (e.g. removal of the gravel in the test area). All you need to carry out the test is the correctly attached earthing cable, which can be used to establish a power circuit to the electronics, and sufficient water to moisten the test area.

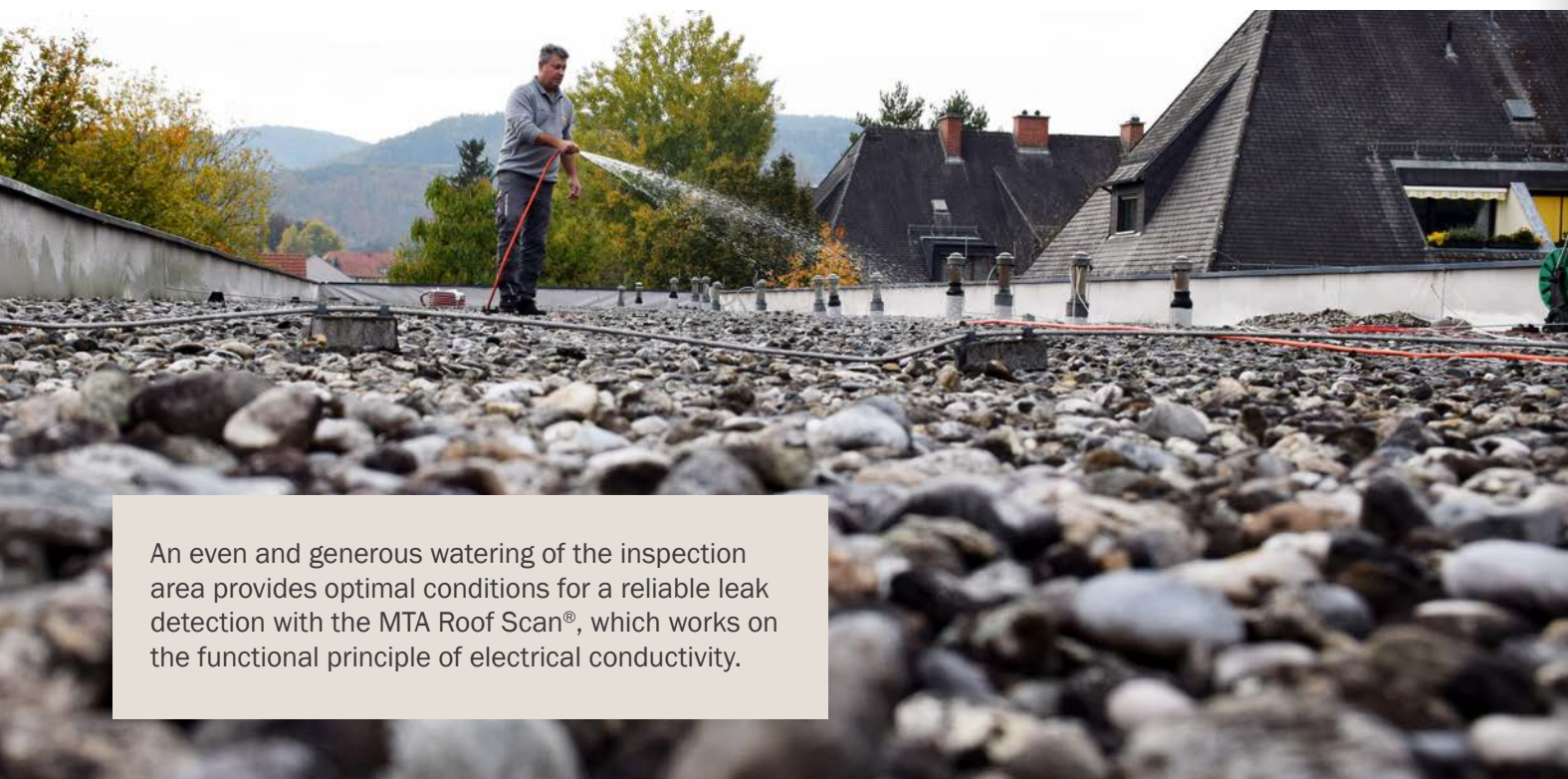


The integrated software provides the test data in real time on the display and also offers the possibility of exporting test protocols as PDF files for your internal reporting.

The handy design and the practical transport box make the MTA Roof Scan® a reliable companion for leak detection missions.

## INNOVATIVE TECHNOLOGY IN A SMALL SPACE

- The compact design of the electronic module in combination with the intuitive software, installed on a fully-fledged Windows tablet, form the basis for the most accurate measurements.
- The data can already be viewed and analysed in real time on the roof. Subsequent evaluation of the tests and their export as a PDF is also possible at any time through the integrated software.



An even and generous watering of the inspection area provides optimal conditions for a reliable leak detection with the MTA Roof Scan®, which works on the functional principle of electrical conductivity.

## SIMPLE LOCATION OF LEAKS

The test is carried out by simply driving over the roof with the MTA Roof Scan®. Based on the principle of the electrical conductivity of materials, this technology enables efficient leakage detection on roof surfaces.

Thanks to the handy design and modern technology, even large roof areas can be checked quickly and without great effort.

The optionally available hand probe can be connected to the electronics in order to carry out point location of leaks. Equipped with a highly sensitive ball head, it locates the leakage with pinpoint accuracy and thus helps to limit the critical area of water ingress as precisely as possible. For later documentation, markers can be set and comments stored directly in the software.

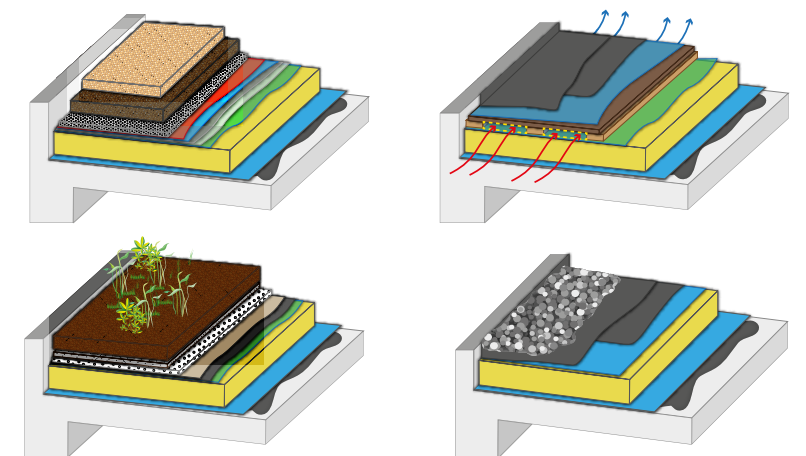


## SUITABLE FOR ALL FLAT ROOF TYPES

The MTA Roof Scan® features an innovative electromagnetic leakage measurement system for pinpoint location of leaking areas on all types of common roof surfaces.

The advanced technology enables the most accurate measurements for various types of roof structures, including:

- Cold and warm roofs
- Inverted roofs
- Green roofs
- Drive-on roofs
- Gravelled roofs



## PRACTICAL ACCESSORIES FOR VERSATILE AREAS OF APPLICATION

You can upgrade the MTA Roof Scan® with further additional components. As a product that can be individually adapted to existing requirements in the field of application, MTA Messtechnik GmbH offers further practical accessories. These extensions can be ordered as an option to the standard device.

**MTA IQM SCAN® EXTENSION SET:** The MTA IQM Scan® technology enables precise cross-measurements with up to 10 highly sensitive probes in defined areas, effectively pinpointing leaks. Ideal for hard-to-reach or measurement-intensive surfaces, it provides reliable results even in complex applications such as white tubs.

**AREA PROBE:** The area probe allows for efficient leak detection in low-height constructions, e.g., under PV systems, without the need for dismantling. By directly connecting to the MTA Roof Scan® system, measurement data can be determined in real-time.





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