



Professional Microwave Moisture Mapping System MOIST 350 B

Advantages for practical use in civil engineering:

Non-destructive moisture mapping and determination of moisture distributions with penetration depths up to 80 cm in building objects

Salinity independent measurements

Material specific calibration on different building materials for moisture measurement following WTA leaflet

Super simple and quick method for recording of high numbers of readings in very short time

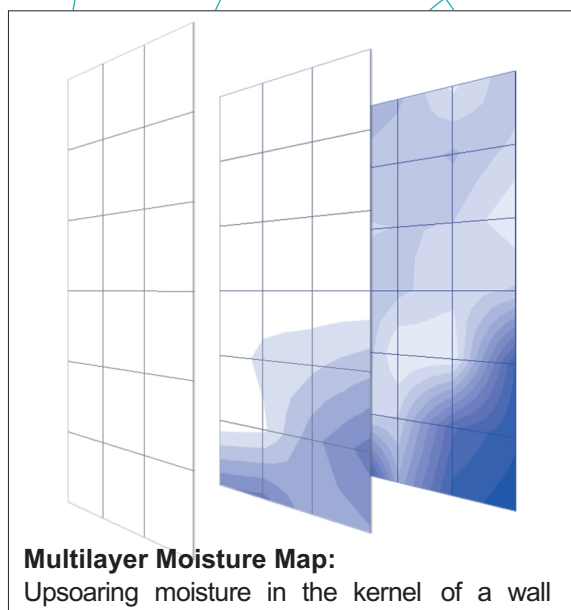
Direct comparability of readings

Statistical parameters for support of evaluation

Graphical visualization directly at the place of measurement

Software MOISTANALYZE for graphical visualization of moisture distributions as multi layer moisture maps

100% Microwave sensors



Multilayer Moisture Map:
Upsoaring moisture in the kernel of a wall

The worlds most advanced microwave technology for non-destructive material moisture measurement offers many advantages:

The non-destructive measuring method allows multi layer moisture mapping at the surface as well as in deep layers of building objects. In total there are **6 robust microwave sensors based on industrial standard for different penetration depths** available. This makes moisture measurement in different depth zones with penetration depths up to 80 cm possible.

The combination of multi layer moisture mapping at the surface and in different depth zones allows the differentiation between pure surface moisture and moisture damages in the kernel of walls, floor constructions and flat roofs.

Because of the independency from salinity of **all industrial standard microwave sensors** it doesn't matter if old or new buildings have to be investigated.

The menu based operation eases the acquisition of multi layer measuring arrays. The readings are acquired in realtime and displayed immediately. Up to **1 million readings** can be measured and stored.

The evaluation of moisture measurements is much simpler, because the readings of different sensors are **directly comparable** also for relative measurements in homogeneous materials.

The graphical visualization of measuring arrays is shown on the colour display, directly at the place of measurement. Statistical parameters like **standard deviations, minima, maxima and averages**, support the evaluation.

The measuring results can be downloaded to PC very convenient by software **MOISTANALYZE**. They can be visualized as **multi layer moisture maps** and be supplemented by further measured parameters, like humidity, room temperature and surface temperature. The data export is quick and simple.

Areally moisture maps are the basis for clear classification of moisture damages and water seepages. Condensing moisture, leading to growth of mold fungi, give **typical multi layer moisture maps** that are different from those of upsoaring moisture, residual moisture after water seepage or leakages.

MOIST - Quality in Building Diagnostics prevails.