



BUILDING MOISTURE INDEX (BMI)
DIAGNOSTIC SYSTEM

MONITORING EQUIPMENT





The Condensation & Mould Diagnostic System

Maple R&D is a subsidiary of The Property Care Association (PCA). It undertakes research and develops solutions to benefit members and the public. Helping to improve housing conditions and indoor air quality in homes and buildings for all.

The Condensation and Mould Diagnostic System has been developed to support and inform those who are affected by condensation and mould. Householders, landlords and surveyors can avoid disputes, direct “right first time” solutions and save money.

Sensors installed in strategic points within and outside the home will record humidity and temperature. A unique algorithm then evaluates temperatures, thermal performance, ventilation characteristics and the way the building is used.

The data collected is processed and presented in a report generated autonomously by the system.

This report informs the recipient of mould risk and identifies the causes of existing condensation or mould.

This can be used on its own or as an analytical appendix to a wider condition survey.

The results of the monitoring is processed within the system so avoids the hassle of number crunching, and the risk of disputes relating to the interpretation of complex data.

The tool puts the scientific evaluation of mould in occupied building at the fingertips of all surveyors, landlords and housing officers.



Its use can save money, resolve disputes and delivers healthier homes.

Identify, quantify, and solve moisture problems...

You can now purchase the Condensation and Mould Diagnostic tools and receive reports generated by the system. Kits include: 3 data loggers with accessories, instructions, and training. We also include the first report.

The system requires that the monitoring equipment is left in place for at least 2 weeks. The user then uploads the data from the loggers and sends it to us electronically. We then process the data using the analytic tool and generate the diagnostic report within a few minutes.

What the tool offers to YOU and Surveyors:

- Monitor, identify & diagnose the exact cause of condensation and mould
- Evaluates environmental data
- Provides impartial technical reports
- Informs landlords, tenants, and householders of the cause of mould
- Directs you to cost-effective repair solutions
- Resolves complaints & disrepairs claims
- Improve living conditions and customer satisfaction



Mould growth is normally a symptom of condensation in buildings. The accurate identification of its causes is crucial.

By monitoring the indoor and outdoor environment, detailed scientific assessment of properties and the moisture performance is now easily achievable.

Reports that contain an unarguable and objective diagnosis of occupied buildings unpick the relationships between energy input, thermal performance, moisture production and ventilation.

Why to monitor?

Measuring conditions over time is better than a single visit to look at a mould or condensation problem.



Such moisture related issues are dependant of water vapour production, ventilation, temperature and the thermal performance of walls and floors.

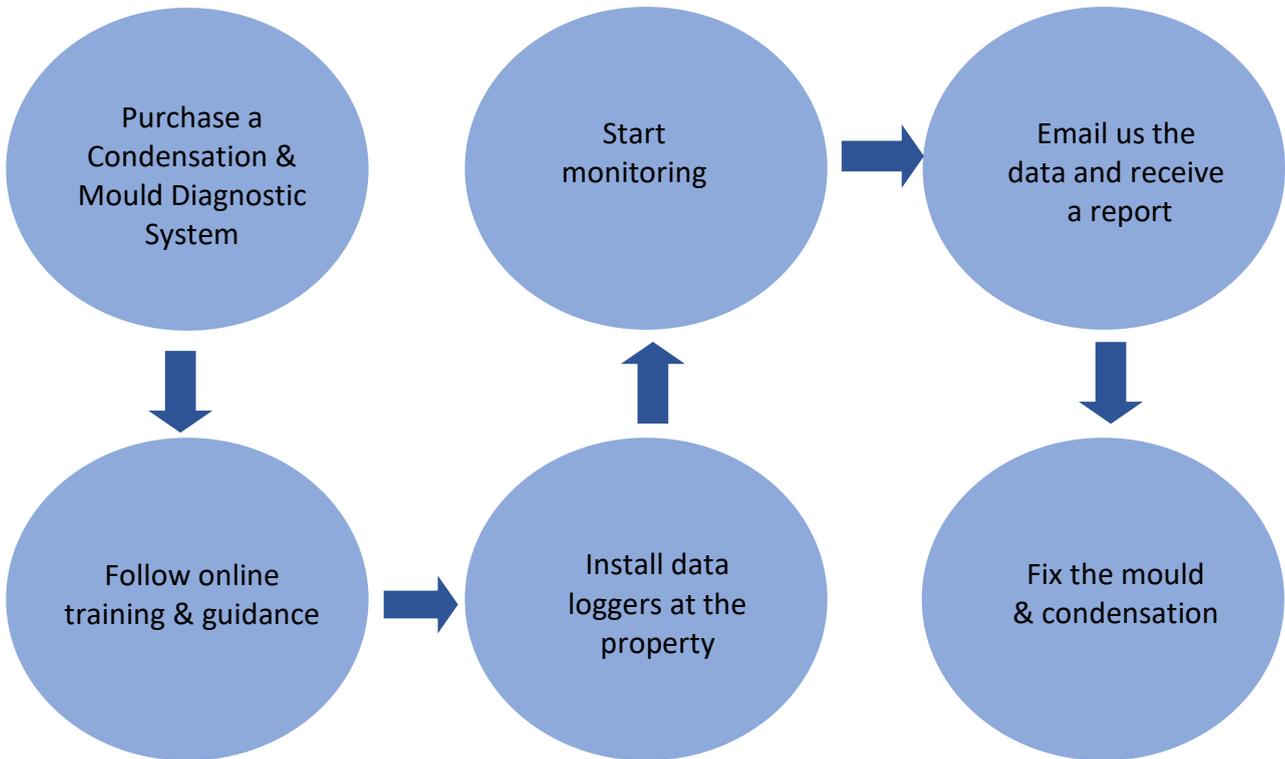
Conditions can change so long-term monitoring is needed to assess the risk or cause of mould.

You should monitor when:

- Condensation is present or mould is growing
- There is a need to understand the causes of the problem and want to fix it
- The effectiveness of remediation works needs to be assessed
- Disputes arise and evidential data is required



The use, installation and interpretation of the information delivered by the system is easy. It is simple to install, unobtrusive and non-destructive. The results are scientifically robust, reliable, and evidential, yet easy to read and unambiguous.



Improve living conditions & customer satisfaction today!

What we provide:

- Monitoring equipment (data loggers)
- User/instruction manual
- Online training course and support
- Detailed property reports

For more information or to purchase the tool, visit our website or call us:

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