

ReproEasy Pad for User Testing of MA 37 and MA 160 Moisture Analyzers

MA Performance Test – Certainty of Your Results in 5 Minutes

To ensure the functionality of your MA 37 or MA 160 moisture analyzer, we recommend that you regularly test the weighing system and heating unit using certified weights and a temperature adjustment set.

These tests are often done once a year by a service technician. But in the meantime, you need to know whether your analyzer is still delivering error-free performance or whether it is out of tolerance.



Sartorius Offers the Best Solution for Routine Testing on Your Own

ReproEasy Pads in combination with the analyzer's built-in MA performance test function. Now you can test the functionality of your entire moisture analyzer, based on its weighing system and heating unit, in just 5 minutes.

Each ReproEasy Pad consists of an innovative hydrogel that contains a specific amount of moisture and has been specially designed for testing moisture analyzers. Used in conjunction with the MA performance test function, it enables you to check at any time whether your moisture analyzer is working properly and to be sure you are obtaining accurate measurement results.



How to Run the MA Performance Test

1. Select one of three temperature settings that come closest to your operating range.
2. Place a ReproEasy Pad on the pan and close the cover.
3. Press Start.

The curve of the temperature-dependent loss of weight during drying (LOD) is analyzed within the test time. In the process, the LOD per unit of time is determined to check whether the heating unit and the weighing system are working together properly. This yields the Moisture Analyzer Performance Index, called "MAPI" for short.

If this index is within the permissible tolerance range, the analyzer will display "Device is OK," confirming that it is delivering correct performance. If any other out-of-tolerance value is detected, the analyzer will indicate that there may be a problem so you will know when it's time to phone your service technician.


As a result, you can quickly and easily detect any changes in the performance of your analyzer.

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