

Smart Reference Substance to Test Moisture Analyzers



Reliable Moisture Results? Be Sure With SmartCal

SmartCal offers a fast and efficient way to verify the performance of your Moisture Analyzer. The SmartCal test takes just 10 minutes and is done in the same way as a regular measurement.

Testing your Moisture Analyzer with SmartCal ensures your results are reliable and fulfill the demands of industry regulations and company audits. The certified and traceable cSmartCal meets the needs of highly regulated industries.

SmartCal – for moisture results you can trust.

METTLER TOLEDO

Test Your Moisture Analyzer in 10 Minutes

SmartCal ensures accurate results and provides seamless QC documentation. With a simple 10 minute test, you can be sure your instruments are working within specifications at all times.



Certified cSmartCal for highly regulated industries

The certified cSmartCal is recommended for use in all highly regulated industries. A Certificate of Analysis is provided for every production batch. This certificate is issued by the independent German Federal Institute for Materials Research and Testing in Berlin (BAM, www.bam.de).



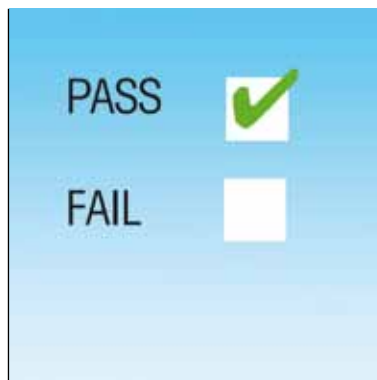
Verified Instruments in three simple steps

SmartCal is an innovative, granular test substance. Its high sensitivity reliably detects adverse influences from ambient conditions and inaccurate heating or weighing devices.



Simple and fast test

The test is as easy to perform as a regular measurement. Simply pour SmartCal into the sample pan and start. The results are available in 10 minutes.



Verified instrument

The Moisture Analyzer is ready for use if the result lies within the SmartCal control limits.



No issues with auditors

The proper verification and seamless documentation guarantee correct performance.



Put trust in your measurements

SmartCal checks the performance of your Moisture Analyzer in the QC lab or directly on the factory floor in just 10 minutes. Ensure you have results you can trust!

Routine Testing

Test Frequency Recommendation
Halogen Moisture Analyzer

Company	Mettler-Toledo AG	Department / Position	MetCal Services / Art Director
Contact	Flora-Sarah Jensen-Arent	Instrument Type	MS20
Email	flora.arent@mt.com	Serial Number	12345678
Telephone	+49 902 29 91	Location	40202
ZIP Code / City	40884 Solingen	Date	None

Regular verification of the Halogen Moisture Analyzer is essential to ensure valid results and maintain quality. Based on your profile we recommend the following routine testing schedule.

Your Profile

Sample	Free water
Moisture	10.00%
Sample quantity	Medium
Sample type	Medium
Sample	Free
Sample	Free

Recommended Frequency of Testing

Sample type	Frequency
Sample type	Weekly
Sample type	Monthly
Sample type	Quarterly
Sample type	Annually
Sample type	None

For an explanation of the criteria used to determine the Test Frequency Recommendation please refer to the attached background information on routine testing of Moisture Analyzers.

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Are you testing enough?

Or maybe too much?

The optimal frequency for verifying the performance of your Moisture Analyzer is dependent on your specific process needs and working environment. Get your free personalized, risk-based testing recommendation at www.mt.com/smartcal-frequency-recommendation



► www.mt.com/smartcal

Product Overview

cSmartCal™



The certified cSmartCal is available in packaging sizes of 12 and 24 tests. For each batch, a Certificate of Analysis is issued by the independent German Federal Institute for Materials Research and Testing in Berlin (BAM, www.bam.de). The specifications are superior to standard SmartCal.

SmartCal™



Standard SmartCal is available in packaging sizes of 12 and 24 tests and is supplied with a production certificate issued by METTLER TOLEDO.

StarterPac

To get started with cSmartCal or SmartCal, an initial one-off purchase of the StarterPac is recommended. The StarterPac contains 12 test sachets plus all accessories you need including measurement protocols, reporting templates, a thermo/hygrometer, validation documentation etc.

Test temperatures

cSmartCal and SmartCal can be used for testing at any temperature between 70°C and 230°C. METTLER TOLEDO provides established control limits for testing at 70°C, 100°C, 130°C and 160°C.

Control limits (example @ 100°C)

Temperature	cSmartCal	SmartCal
100°C	5.3 - 6.3 % MC	5.2 - 6.4 % MC

The control limits of cSmartCal are superior for tighter control of the instruments.



cSmartCal™	Part No.
cSmartCal, 24 tests	30005791
cSmartCal, 12 tests	30005793



SmartCal™	Part No.
SmartCal, 24 tests	30005790
SmartCal, 12 tests	30005792

StarterPac	Part No.
StarterPac cSmartCal	30005918
StarterPac SmartCal	30005917

Specified Moisture Analyzers / Shelf life

cSmartCal and SmartCal are applicable for testing of METTLER TOLEDO Halogen Moisture Analyzers. cSmartCal and SmartCal have a shelf life of 27 months.

www.mt.com/smartial

For more information



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