Moisture content is the most variable & most important property for the majority of technical plastics.

Exact knowledge of the moisture content enables you to optimize and increase the efficiency of your overall process.

Applications:

- Thermoplastics e.g ABS, PBT, Polyamides, PC, PET and more...
- Duroplastics and Elastomers
- metal powders

Key benefits:

- highly accurate water selective measuring method with resolution of 1 ppm
- simple handling, light weight and robust design

Technical data:

Test Time	10 – 45 minutes	
Test Temperature	50 – 210°C (adjustable in 1°C steps)	
Sample Size	0.01 – 50 g	
Reagent	CaH_2 (granules or pad)	
Measuring range	0.2 – 25 mg	absolute
	0.0005 – 5%	relative
Accuracy	Measuring error < ± 2%	
Resolution	± 1 ppm (0.0001%)	
	± 0.1 – 0.6 mg (depends on measuring range)	
Ambient Conditions	-10 – 40°C / 90% rH (not condensing)	
Power Supply	100 – 240 VAC / 1000 W	
Weight	6.4 kg	
Dimensions	290 × 180 × 260 mm (H × W × D)	
Interface	USB	
System Requirements	PC with min. WIN 7 SP 1 or later	

Contact us:

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HydroTracer Moisture Analyzer

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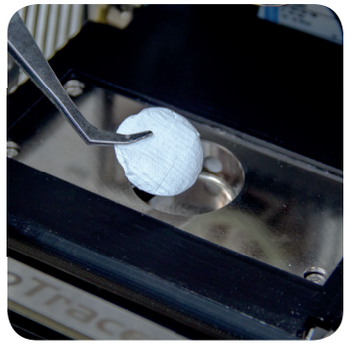
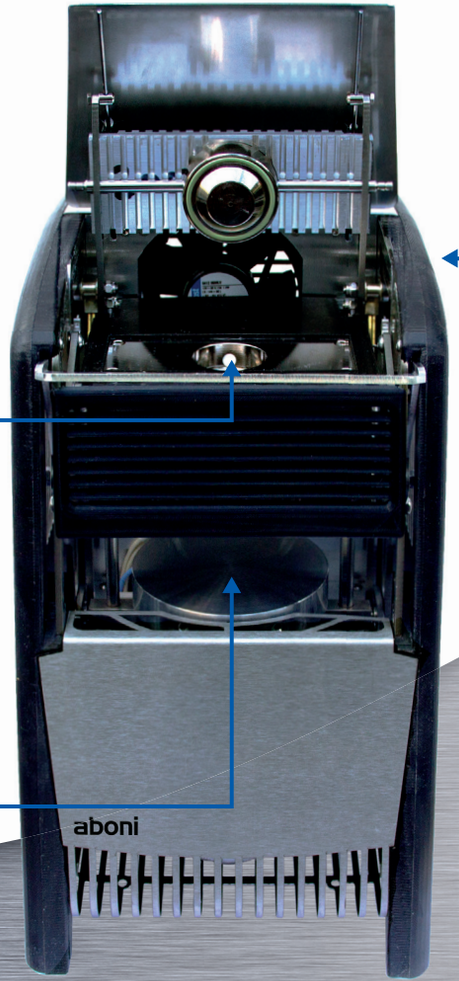


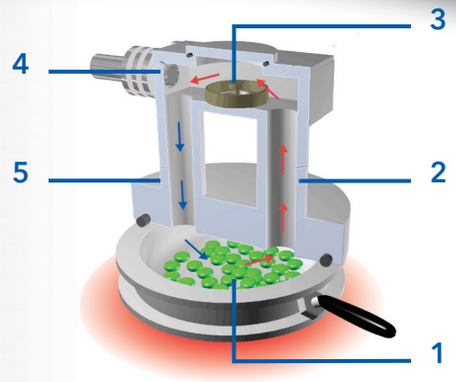
Put in the testpad to convert the water of the sample into testgas H_2
* or use alternative method with testpowder and powder tray

Place your weighed sample:
Granules, Flakes, Powders, Fibres, Films or Molds



USB

With the picture supported computer software, you control the **HydroTracer**.
Set test parameters, manage your material library and generate your test reports.



Operation:

The sample material is heated up to force the water to evaporate **(1)**. A hot humid gas flow rises to the upper part of the reactor **(2)**. Here, the reagent transforms water and releases hydrogen **(3)**. A gas sensor detects the hydrogen concentration **(4)**. The cooled dry gas descends and can absorb more water vapour **(5)**