

# ARGAT®

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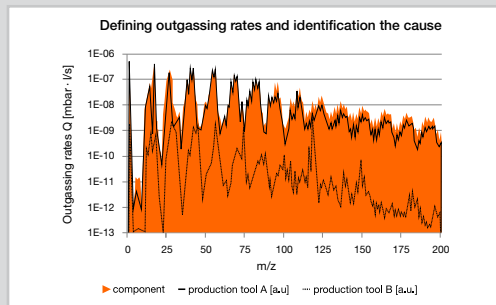
Automatic Residual Gas Analysis Tool



- ▶ Quantitative results  
(mbar · l / s / cm<sup>2</sup>)
- ▶ Direct report output
- ▶ Fully-automated measurement
- ▶ Comparable results
- ▶ Automatic detection of substances
- ▶ TQCM optionally available

TREAMS

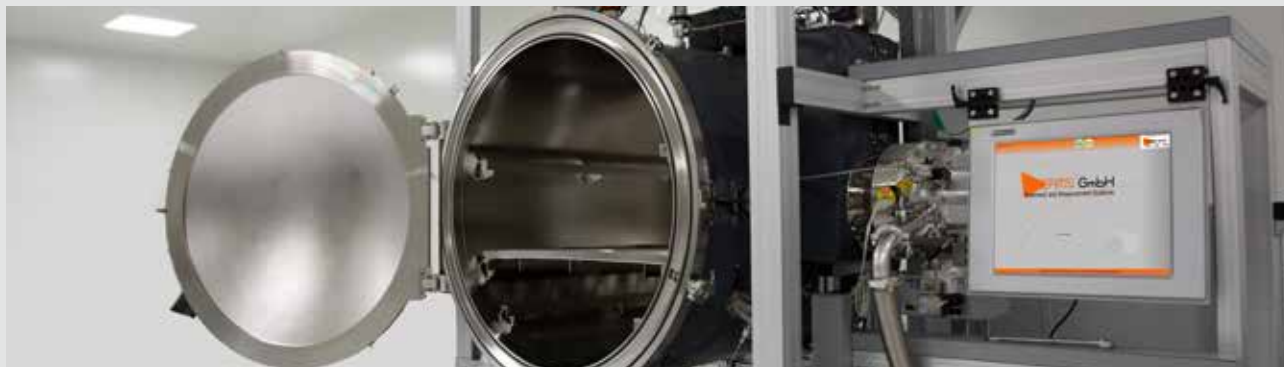
**ARGAT®** is a measuring device for **residual gas analysis** under vacuum. It **quickly** and **fully-automatically** determines outgassing rates of single parts or complete assemblies. As a result of **automatic spectral** measurement, residual gas composition can be directly determined and gas contributions can be clearly assigned to their origin. Furthermore, **ARGAT®** provides absolute and quantitative results in  $\text{mbar} \cdot \text{l/s}$ , which allow the establishment of appropriate outgassing limits.






## Technical data

		<b>ARGAT® fine</b>
<b>Detection limit (absolute)</b>		$1 \cdot 10^{-12} \text{ mbar} \cdot \text{l/s}$
<b>Permitted materials</b>		metal, glass, ceramics, plastics
<b>Output of test results</b>	<ul style="list-style-type: none"> <li>▶ Direct display</li> <li>▶ Measurement report</li> <li>▶ Raw data</li> </ul>	testing against limits PDF und XML CSV
<b>Operation via</b>		17" touchscreen/keyboard/ trackball
<b>Measuring time</b>	▶ Minimal	15 min.
	▶ Standard	10 hours
<b>Cleaning of measuring chamber</b>		fully-automated
<b>Cleaning duration</b>		4–8 hours
<b>Connections and required media</b>	<ul style="list-style-type: none"> <li>▶ Power connection</li> <li>▶ Compressed air</li> <li>▶ Reference gas</li> </ul>	400 V/AC, 50 HZ, 16 A /32 A 5 bar/quality: ISO8573-1:2010 quality 7.0
	<ul style="list-style-type: none"> <li>▶ Nitrogen</li> <li>▶ Town water</li> </ul>	1 bar / purity 99,8 % supply and return lines
<b>Ambient conditions</b>	<ul style="list-style-type: none"> <li>▶ Temperature</li> <li>▶ Air humidity</li> <li>▶ Cleanroom compatibility</li> </ul>	+ 10 °C to + 40 °C 20% to 70 % optional

The measuring device is **specifically** designed for your application. (Among others, the following parameters are taken into consideration: size, geometric shape, number of components, material and grade of contamination)



**In combination with ARGAT® we offer you...**

 Reliabel and qualified support	 Comprehensive maintenance packages and services	 Trainings for operating, technical and maintenance staff
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