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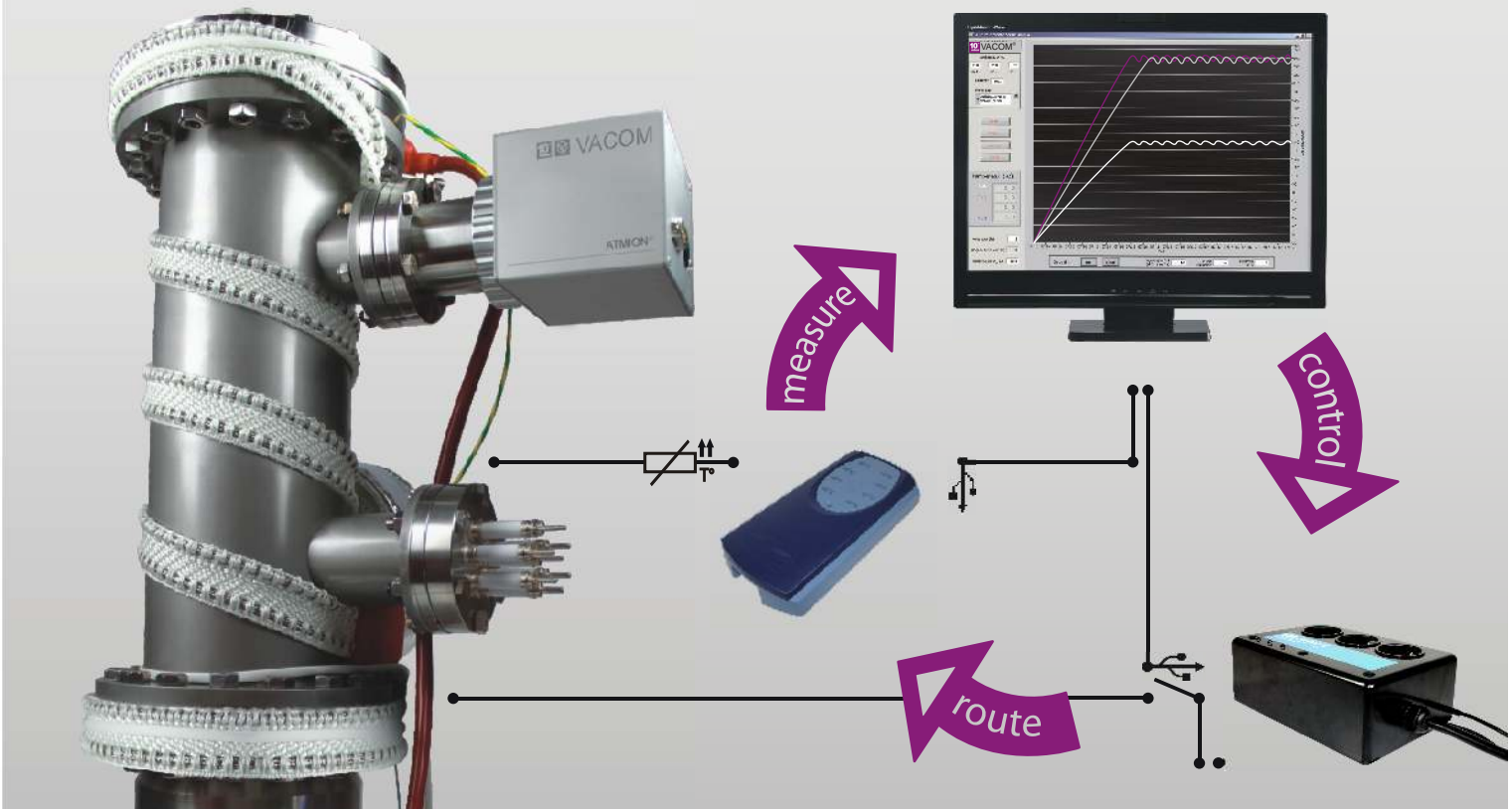


**10<sup>-n</sup>**  
**mbar** VACOM®

# Controlled Bakeout in Vacuum

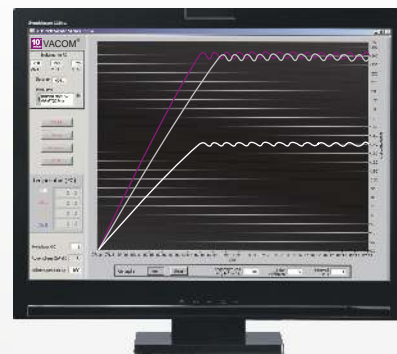
## Complete Hardware and Software Package

- Plug & Play solution for active control of specific bakeout processes
- Including all required heating tapes, thermo elements and control devices
- Software controlled target temperature possible for each heating tape, from room temperature to 400 °C (accuracy  $\pm 1.5$  °C or  $\pm 0.4$  % of measured value)



# Features of the VACOM<sup>®</sup> Temperature Protocol & Control Software

- Gradual regulation (5 K per time interval)
- Two-step controller at end temperature
- Automatic shutdown of the bakeout process by user defined time interval
- Graphic data processing temperature/time
- Numeric display of the current measured temperature
- Autosave of the measured data (ASCII) for processing or analyses (e.g. in Excel, IGOR Pro, OriginLab<sup>®</sup>)



## Standard Versions and System Configuration

- Each package contains fitting measuring and control elements
- Lengths/types of all heating and thermo elements are freely selectable from the current VACOM<sup>®</sup> catalog

	Heating elements	Thermo elements	Measure & Control elements	Software
<b>Package 1</b>	1	1	included	included
<b>Package 2</b>	3	3	included	included
<b>Package 3</b>	4	4	included	included
<b>Package 4</b>	8	8	included	included

- Customized solutions (different hardware, software modifications) are available on request.

## Minimum PC Requirements

- 256 MB working memory
- Pentium 200 MHz or comparable processor (recommended Pentium III, Celeron with 600 Mhz or comparable)
- Screen resolution 1024 x 768 pixel
- Operating system: Windows<sup>®</sup> 7/Vista/XP/2000
- 3 free USB-ports