



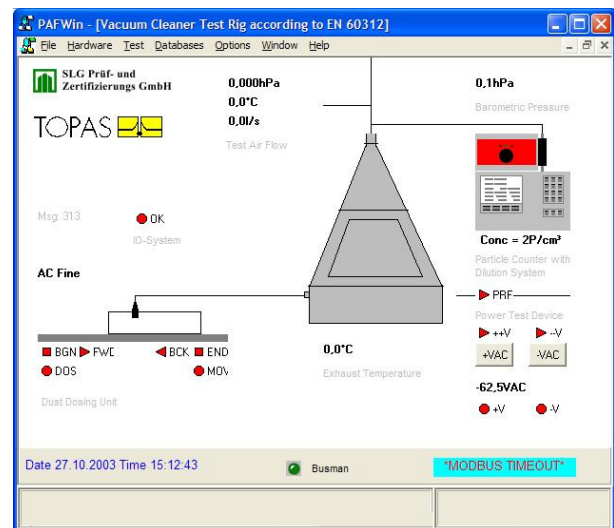
Main Components

- Test chamber with chimney for flowrate and particle concentration measurement
- Dust feeder
- Optical particle counter with dilution system
- Test rig control and data acquisition software

Features

- Manual test rig control and operation
- Automated emission test (data evaluation according to EN60312 (2000 | 2003)
- Customized testing procedure on request
- Particle counter supported
Abakus, Klotz
APS3320/1, TSI
LAP320, Topas
HR5230, Hiac Royco

For more than 5 years Topas in connection with SLG has been developing and installing filter test rigs for testing vacuum cleaners in accordance with EN60312. Emission rate is measured with optical particle counter while vacuum cleaner is fed with $550\text{mg}/\text{m}^3$ mass concentration at device specific flowrate. Both the basic input/output system with test rig control and data acquisition software and particle instruments are provided by Topas.



Schematic of the Particle Filter Test Rig Series PAF

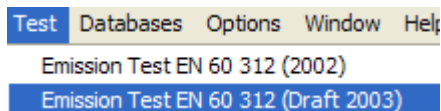
Specifications

Control and Data Acquisition Software PAFWin

This software has been developed for test stand control and data acquisition. This user friendly software runs under Windows 98/NT/2000/XP environments and displays the current status of the test rig and guides through automated testing procedures.

Further main features are:

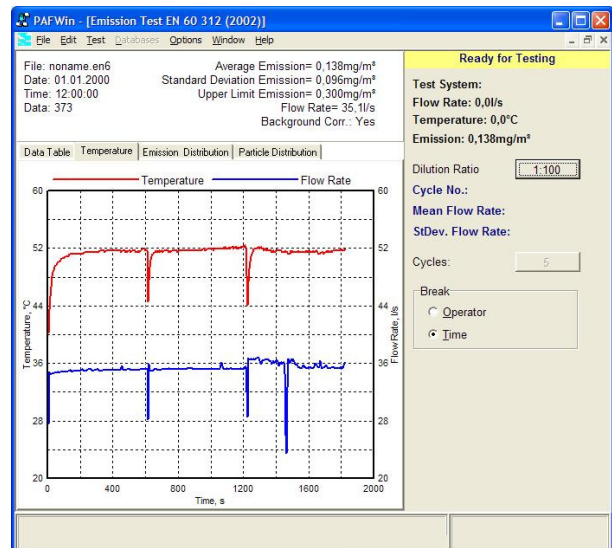
- Automatic test procedures in accordance with issued standard EN60312(:2003)
- Manual control for service, calibration procedures and research
- Data logger for long term investigations
- Test dusts database
- Data presentation and statistical calculations
- Data copy & paste, dynamic data exchange DDE



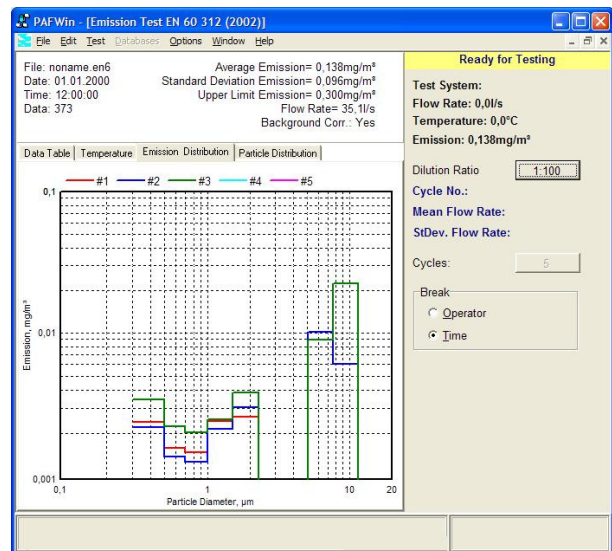
Emission Test Menu Commands

Our Reference List

- Arcelik
- Brano Filter
- Bosch-Siemens Household Devices
- Electrolux
- Freudenberg
- Miele
- Quelle
- SLG Hartmannsdorf
- Vorwerk



Air Flow Rate and Temperature Data Logger



Emission Calculation according to EN30612 (2000)

For more information please visit our Web Site at <http://www.topas-gmbh.de>.

Specifications are subject to change without further notice.
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