

PAMAS PMA Particle measuring and analysing software

Software for the operation of particle counters and for the analysis of measuring results

Application:

Software for the operation of particle counters
and for the analysis of measurement results

Software features:

- Main functions:
Software for operation, for parameter setting,
for data storage and for the analysis of
measurement results
- Output of measuring results:
numerical and graphical report of cumulative
and differential particle counts in compliance
with the cleanliness standards ISO 4406,
NAS 1638, SAE AS 4059, GJB 420, GOST 17216
and NAVAIR 01-1A-17

- User interface in English, German, French,
Spanish, Portuguese, Chinese, Russian and
Finnish. Standard delivery in English plus country
specific delivery in the national language of the
user's home country (if available).
- Additional function:
Size distribution analysis
- Microsoft Windows® 10 and 11.
Compatibility is tested and confirmed



Remote control and data management of measuring results

The software **PAMAS PMA** helps to perform particle measurements and it makes the results visible in tables and graphs. The following particle counters can be operated by the programme:

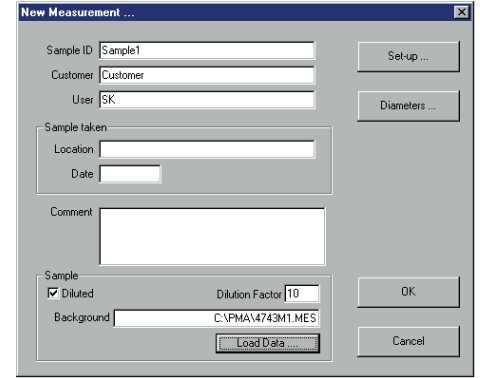
- PAMAS SVSS
- PAMAS SBSS
- PAMAS SBSS WG
- PAMAS S40
- PAMAS S40 GO
- PAMAS S40 AVTUR
- PAMAS S40 GO AVTUR
- PAMAS S4031
- PAMAS S4031 WG
- PAMAS S4031 GO
- PAMAS S4031 GO WG

The particle numbers and the classified particle size distribution are reported in

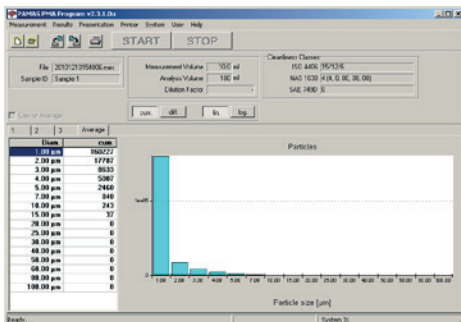
compliance with international cleanliness standards (e.g. with ISO 4406, SAE AS 4059, NAS 1638, GOST 17216, GJB 420 and NAVAIR 01-1A-17). The measuring report includes all sample parameters and the numerical and graphical presentation of the measuring results. The results are automatically stored and may be printed and exported into CSV files. Historical results of former measurements can also be uploaded, printed and exported. The measuring results may be converted line by line into ASCII format, so that they could be used e.g. in a LIMS system.

Software compatibility to common operating systems

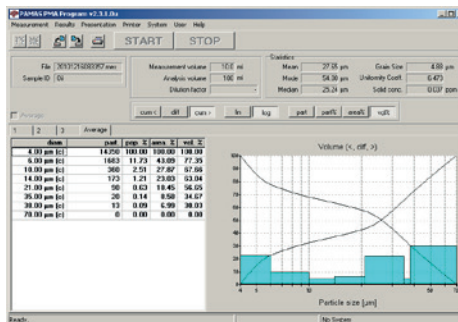
The software PAMAS PMA is compatible with the Microsoft operating systems Windows® 7, 8 and 10.



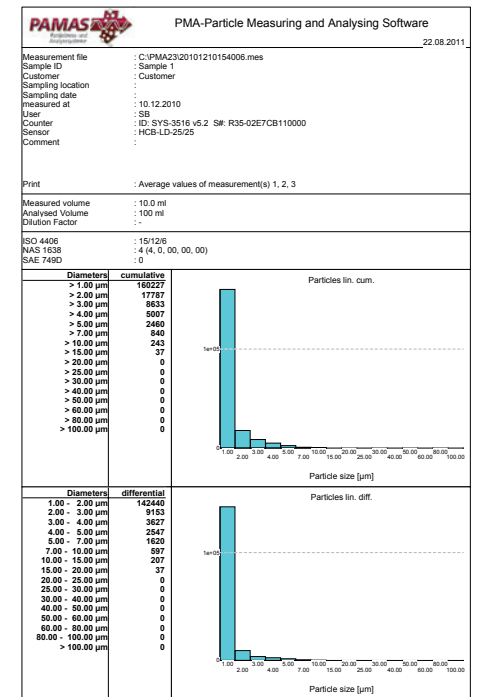
At the beginning of each new measurement, the operator can define the dilution factor in the software settings. The PAMAS PMA programme considers this factor during analysis and calculates the particle concentration of the originally undiluted sample. (screenshot: PAMAS)



The software PAMAS PMA shows particle measuring results in tables and graphs. The results are classified in size channels. The number of displayed size channels can be defined by the operator in the software settings (screenshot: PAMAS).



The software PAMAS PMA may also be used for size distribution analysis and shows the size distribution as defined by the user in relation to population, area or volume (see in this picture). (screenshot: PAMAS)



The PAMAS PMA printout of measuring results shows the cumulative and differential particle numbers in tables and graphs. The software also reports the cleanliness class in compliance with international cleanliness standards including ISO 4406, NAS 1638 and SAE AS 4059 (picture: PAMAS).

