

# PAMAS POV Software programme for online fluid condition monitoring

## PAMAS software for Online Visualisation of particle measuring results and for long-term condition monitoring

#### **Application:**

Software for online particle measurements with the online particle counters PAMAS S50, PAMAS S50P Fuel, PAMAS S50DP and PAMAS OLS50P

#### **Software features:**

- Software for Online Visualisation of particle measuring results
- For the use of the online particle counters PAMAS S50, PAMAS S50P Fuel, PAMAS S50DP and PAMAS OLS50P

- Main function: software for data storage
- Output of measuring results: numerical and graphical report of cumulative particle counts in compliance with the cleanliness standards ISO 4406 and SAE AS 4059
- Additional function: alarm and trend monitoring features for long-term condition monitoring
- Operating system: Compatibility to Microsoft Windows® 7, 8 and 10 is tested and confirmed

### **PAMAS POV**

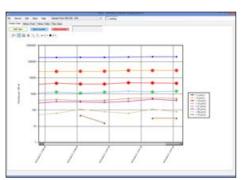
## **Online Visualisation of** particle measuring results



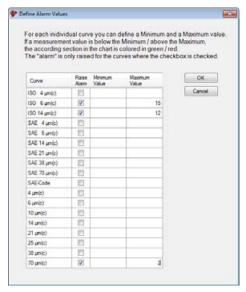
The software **PAMAS POV** enables trend monitoring of measuring results of the online particle counters PAMAS S50, PAMAS S50P Fuel, PAMAS S50DP and PAMAS OLS50P. If a particle counter is attached, measuring can be started and stopped with the software PAMAS POV. The measurement results are automatically collected, transferred to the PC and shown there in real time. The results are assigned to determined sample points. Particle numbers and cleanliness classes according to ISO 4406 or SAE AS 4059 are displayed as tables and graphs. The results can be printed, exported into CSV or MS Excel and saved in a database for further evaluation. Historical results can also be loaded, printed and exported into CSV or MS Excel. An export of measuring results from the software PAMAS POV to other software programmes is possible via export function.

#### **Software compatibility** to common operating systems

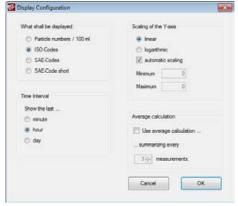
The software PAMAS POV is compatible with the 32 bit and 64 bit versions of the Microsoft operating systems Windows® 7, 8 and 10.



The software PAMAS POV shows particle measuring results in tables and graphs. The results are classified in size channels. On the graph, each size channel is displayed in another colour. The trend monitoring report can also be shown in a graph. (Screenshot: PAMAS)



To set up the alarm function, a minimum and maximum value is defined for each individual size channel. If a measurement value is below the minimum (above the maximum), the according section in the chart is coloured in green (red). The alarm is raised only for previously determined threshold values. (Picture: PAMAS)



The display of measuring results can be preconfigured according to user-specific needs. Four parameters can be set up: Cleanliness class code, Time Interval, Scaling of the Yaxis, Average calculation. (Picture: PAMAS)



The analysing system PAMAS S50 is an online particle counter for fluid condition monitoring of hydraulic and lubricating oil. The instrument shows the triple code according to ISO 4406. Further parameters can be displayed with the help of the software PAMAS POV. (Picture: PAMAS)



PAMAS HEAD OFFICE Dieselstraße 10, D-71277 Rutesheim, Phone: +49 7152 99 63 0, Fax: +49 7152 99 63-32, Email: info@pamas.de PAMAS USA 1408 South Denver Avenue, Tulsa, OK 74119 USA, Phone: +1 918 743 6762, Fax: +1 918 743 6917, Email: clay.bielo@pamas.de

PAMAS BENELUX Mechelen Campus, Schaliënhoevedreef 20T, B-2800 Mechelen, Phone: +32 15 28 20 10, Mobile: +32 477 42 48 62, Email: paul.pollmann@pamas.de

PAMAS FRANCE Route du Tailleur 210/136, F-40170 Saint-Julien-en-Born, Mobile +33 6 25 33 20 41, Email: eric.colon@pamas.fr

PAMAS LATIN AMERICA Curitiba-Paraná, Brazil, Phone/Fax: +55 41 3022 5445, Mobile: +55 41 999 72 21 73, Email: marcelo.aiub@pamas.de

PAMAS INDIA No. 203, I floor, Oxford House, #15 Rustam Bagh Main Road, Bangalore 560017, India, Phone: +91 80 41 15 00 39, Email: info@pamas.in

PAMAS HISPANIA Calle Zubilleta No. 13 1°B, ES-48991 Algorta, Mobile: +34 67 75 39 699, Email: julian.malaina@pamas.de PAMAS UK Sci-Tech Daresbury, Keckwick Lane, Daresbury, Cheshire WA4 4FS, Mobile: +44 79 17 71 33 66, Email: graeme.oakes@pamas.de