

# PAMAS Download-Software

## Data safety for portable particle counters

### Software for data transfer to PC

#### Application

Data administration and data control of measurements of portable particle counters

#### Software features

- compatible with the portable particle counter models PAMAS S40 and PAMAS S4031
- transfer of stored measuring data from particle counting device to PC or laptop
- Report of particle counts per size channel
- automatic report of cleanliness classes according to common standards including ISO 4406 and SAE AS 4059
- Option to select the number of requested size channels to be displayed in the table
- Indication of all measuring parameters (e.g. type of calibration, measuring profile, measuring volume, etc.)
- compatible with the operating systems Microsoft Windows® 10 and 11

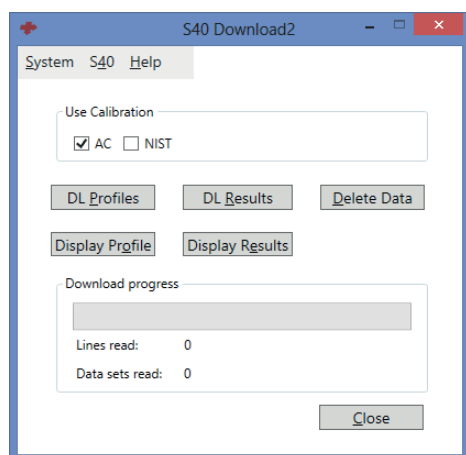
# PAMAS Download-Software

## PC transfer and report of particle counting results in a table

The **PAMAS Download-Software** is compatible with the portable particle counters PAMAS S40 and PAMAS S4031. With the aid of the software, measuring results can be transferred from the particle counter to a PC. The data are transferred at first into a text file, which can then be converted into the required format (e.g. Excel or PDF).

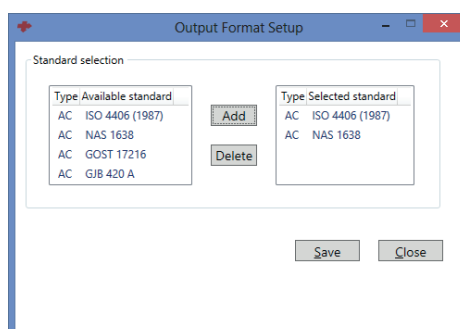
The programme indicates the measuring parameters that had been selected on the portable particle counting device before measurement (selectable parameters are e.g. the type of calibration, the measuring profile, the number of size channels or the cleanliness standards).

If the particle counter is calibrated as per ISO 11171 and ISO 4402, the software enables a separate report and export of the requested measuring data.

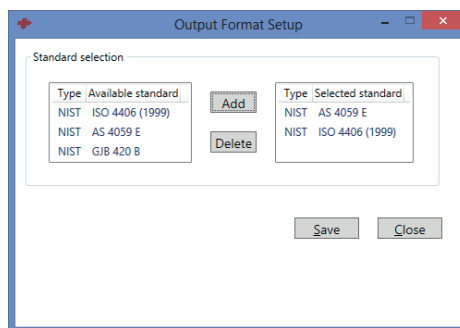


On the surface of the Download-Software, the user defines the required type of calibration. A click on the option AC displays the measuring data as per ISO 4402. If the box for the option NIST is checked, the software provides measuring results as per ISO 11171.

The **PAMAS Download-Software** further allows to select the required cleanliness standards to be displayed along with the measuring data. Different types of cleanliness standards are available depending on the type of calibration (AC or NIST) that was selected earlier. The cleanliness standards ISO 4406:1987, NAS 1638, GJB 420A and GOST 17216 are based on the calibration standard ISO 4402 (AC), whereas the standards ISO 4406:1999, SAE AS 4059 and GJB 420B are available for the NIST calibration as per ISO 11171.



Available cleanliness standards as per AC calibration (ISO 4402)



Available cleanliness standards as per NIST calibration (ISO 11171)



The PAMAS S40 portable particle counter analyses oil, fuel or phosphate-ester. The instrument is calibrated according to ISO 4402 and/or ISO 11171.



The PAMAS S4031 portable particle counter is used for low viscous fluids including water or water-glycol. The instrument is calibrated as per ISO 21501, ISO 11171 or ISO 4402.



Management  
System  
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