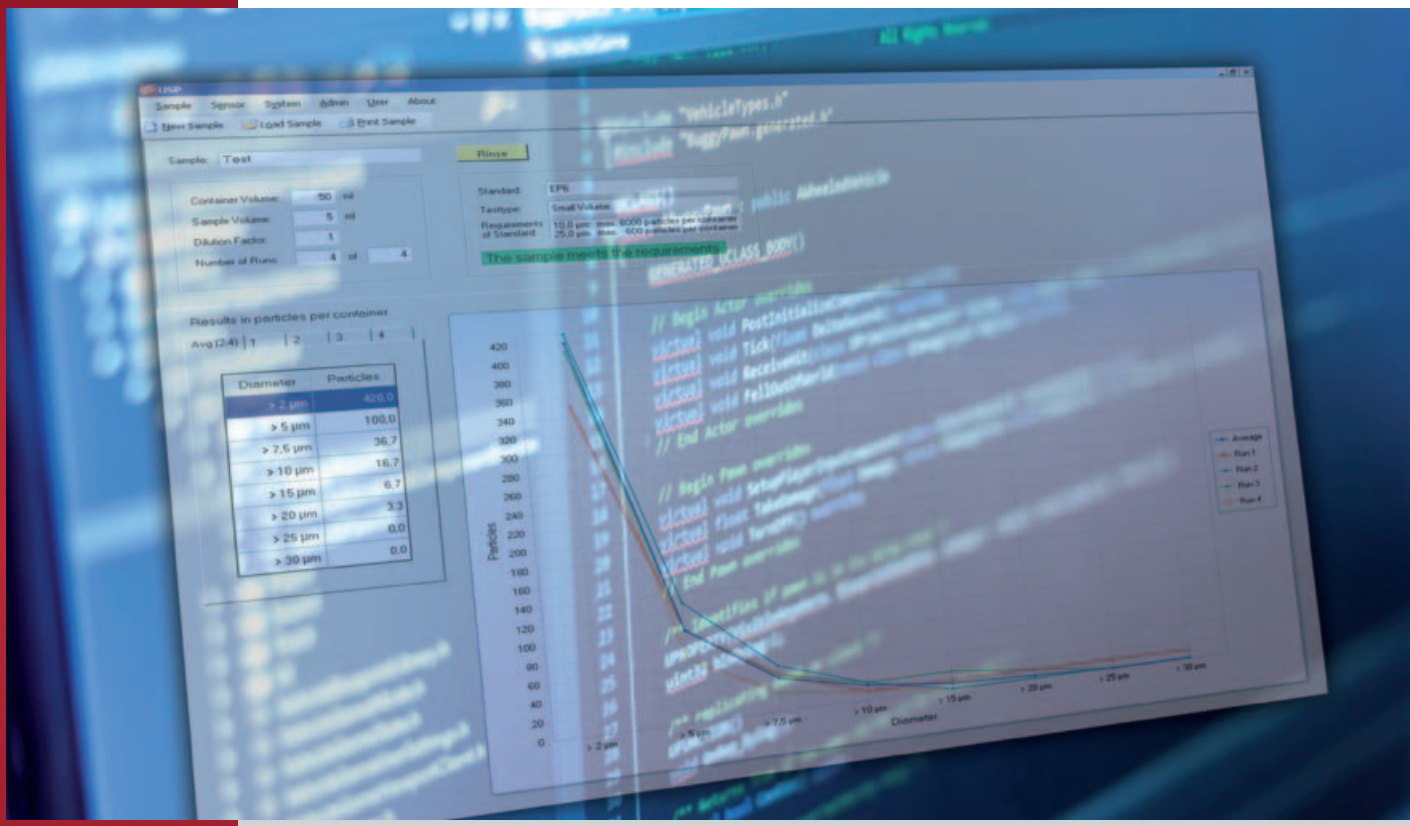
PAMAS
Partikelmess- und Analysesysteme



PAMAS USP
Software programme for pharmaceutical applications

Particle measurements in compliance with the pharmaceutical standards USP <787>, USP <788>, USP <789>, EP, BP, JP, KP and IP or according to customer specific standards

- Software for the measurement of infusion solutions, parenterals and similar fluids according to pharmaceutical standards
- Can be used together with the laboratory particle counters PAMAS SBSS and PAMAS SVSS
- Numerical and graphical report of cumulative particle counts in compliance with the pharmaceutical standards USP <787> (Subvisible Particulate Matter in Therapeutic Protein Injections), USP <788> (Particulate Matter in Injections) and USP <789> (Particulate Matter in Ophthalmic Solutions) as well as further national pharmacopoeias including EP, JP, KP, BP and IP
- Additional function: Sensor calibration
- Support package for IQ (installation qualification) and OQ (operation qualification) for the validation of particle counters
- Compatible with Microsoft Windows® 7, 8 and 10

REV 03/2018

IN THE WORLD OF PARTICLES PAMAS COUNTS

PAMAS USP

Software for particle measurements according to pharmaceutical standards

Together with the software **PAMAS USP**, the laboratory particle counters PAMAS SVSS and PAMAS SBSS perform particle measurements in compliance with the pharmaceutical standards USP <787>, USP <788>, USP <789> and other pharmacopoeias including EP, BP, JP, KP and IP.

Validation of particle counters according to USP <788>

With the help of the software PAMAS USP, the particle counters PAMAS SVSS and PAMAS SBSS can also be validated for pharmaceutical applications.

The analysing system PAMAS SVSS is a standard laboratory particle counter for pharmaceutical applications and other low viscous liquids.

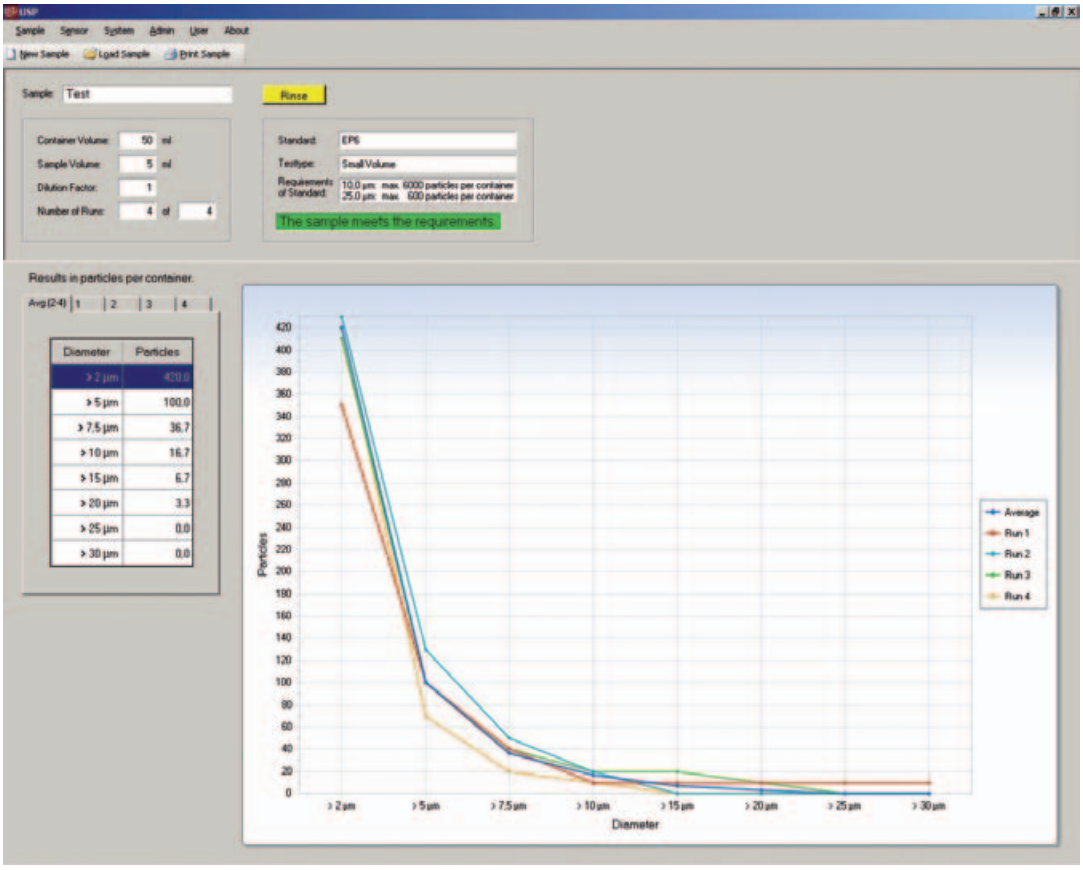
The measuring instrument PAMAS SBSS is a standard laboratory particle counter for high viscous bottle samples.

Technical details:

- Simple data input of new pharmaceutical standards
- Customer specific standards can be defined
- Data storage and printing of all measuring parameters, including operator, measurement settings, single measuring results and mean value
- Optional definition of diluting factor
- Automatic data storage on a free selectable (network) path
- Data export of measuring results into Microsoft excel

Conformity to 21 CFR Part 11 through:

- Access control via password
- Measurements can be reviewed and approved (electronic signature).
- Data storage in encrypted data base



If the sample meets the cleanliness requirements of the selected standard, the measuring result will be marked in green.

Management System ISO 9001:2015

TÜVRheinland® ZERTIFIZIERT

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PAMAS HEAD OFFICE, Dieselstraße 10, D-71277 Rutesheim, Phone: +49 7152 99 63 0, Fax: +49 7152 99 63-32, E-Mail: info@pamas.de
PAMAS USA, 1408 South Denver Avenue, Tulsa, OK 74119 USA, Phone: +1 918 743 6762, Fax: +1 918 743 6917, E-mail: 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, E-Mail: paul.pollmann@pamas.de
PAMAS FRANCE, Route du Tailleur 210/136, F-40170 Saint-Julien-en-Born, Mobile +33 6 25 33 20 41, E-mail: eric.colon@pamas.fr
PAMAS LATIN AMERICA, Curitiba-Paraná, Brazil, Phone/Fax: +55 41 3022 5445, Mobile: +55 41 999 72 21 73, E-Mail: 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, E-Mail: info@pamas.in
PAMAS HISPANIA, Calle Zubilleta No. 13 1°B, ES-48991 Algorta, Mobile: +34 67 75 39 699, E-Mail: julian.malaina@pamas.de
PAMAS UK, Sci-Tech Daresbury, Keckwick Lane, Daresbury, Cheshire WA4 4FS, Mobile: +44 79 17 71 33 66, E-Mail:graeme.oakes@pamas.de

Please visit our website at www.pamas.de