VAS
Vironova
Analyzer
Software

Turn electron micrographs into knowledge

Vironova is introducing VAS, a software for analysing electron microscopy images of pharmaceuticals, organic and inorganic nanoparticles, as well as ultrathin sections of plastic embedded samples and even cryoEM images. The software is a result of more than 10 years of research and professional services in the area.

SEE WHAT VAS CAN DO FOR YOU!
SEND US A FEW MICROGRAPHS AND A NOTE ABOUT YOUR FIELD OF INTEREST, AND GET BACK THE RESULTS AND A FOLLOW UP BY OUR SALES TEAM.

LEARN MORE:
info@vironova.com
www.vironova.com/VAS

VAS can be used to detect, quantify and measure multiple particle characteristics and particle types, within several areas of science.

PHARMACEUTICALS
- PACKAGING
- PARTICLE SIZE DISTRIBUTION
- PARTICLE CIRCULARITY
- BILAYER THICKNESS
- MEMBRANE LAMELLARITY

MATERIALS
- PACKAGING
- PARTICLE SIZE DISTRIBUTION
- PARTICLE CIRCULARITY

ANALYSIS MADE FOR PURPOSE
VAS is particularly made for transmission electron microscopy images (TEM and cryoEM) which makes the tool simple to use for specific challenges within electron microscopy and nano-characterization.

SAVE TIME
Extracting accurate morphology data from electron microscopy images is a tedious task when it is done manually or semi-automatically. The time saving is up to 6 hours of manual work per sample by using robust and specialized particle detection methods.

Simple workflow with automated detection, multiple annotation tools and automated reports enable rapid and accurate decision making

MANAGE WITH EASE
VAS enables full access and traceability of your projects, samples, images, annotations, extracted data, statistics and reports.

SHARE RESULTS
Work together with your co-workers using the multi user, multi workstation solution to effectively process your samples.

DETECT
The EM specialized broad range methods are suited for different sample types such as VLP's, liposomes, viruses and nano-particles.

EXPLORE
The software helps you verify, annotate and classify your particles easily. The interactive graphical plot tools can be used to explore different subclasses.

REPORT
The software includes automated processes to create and store secured reports. This facilitates internal communication and communication to customers and regulatory agencies.

COMING SOON

VAS GMP

Finding GMP compliant software is hard. Vironova uses the software in its own managed services for nano characterization. The Software with GMP option will be a part of the full GMP validation of the EM imaging services at Vironova, which will be certified under Eudralex Volume 4 Annex 11.

FEATURES
- SECURE DATABASE
- TRACEABILITY AUDIT SUPPORT
- SOP'S FOR SAMPLE PREPARATION
- ELECTRONICALLY SIGNED DIGITAL REPORTS
- GMP USER ROLES FOR ANALYSIS, REVIEW
- PREPARED DOCUMENTATION FOR GMP VALIDATION

Vironova is a Swedish biotech company that supplies specialised tools for quality control of pharmaceuticals. The products enable safe and reliable development and production of drugs, and are also used for medical diagnosis and development of nanomaterials.

What ultimately drives Vironova is the ever-growing need for effective drugs to combat global diseases, the need to control pandemics, like Ebola, Bird Flu and SARS, and the safety issues arising with the many new materials engineered at nanolevel.