



ENABLING PROGRESS.

PRODUCT NEWS



WE SHAPE THE FUTURE

**ENABLING
PROGRESS.**

VERDER SCIENTIFIC – YOUR GLOBAL TECHNOLOGY PARTNER

Under the roof of VERDER SCIENTIFIC our six manufacturing companies support thousands of customers worldwide in realizing the ambition we share: Enabling progress. To the benefit of many.

With our extensive knowledge in the fields of sample preparation, heat treatment, tablet testing and analysis of solids, we empower our customers to make progress. We provide

them with the means to effectively and reliably design their processes, products, and services to become safer, more efficient, and more sustainable. Together, we make the world a healthier and safer place.

The innovations presented in this flyer are designed to help you improve your quality control processes and enable you to gain valuable insights for product development and research.

The six VERDER SCIENTIFIC companies are active worldwide in the fields of:

HEAT TREATMENT
ELEMENTAL ANALYSIS
MATERIALOGRAPHY & HARDNESS TESTING
MILLING & SIEVING
PARTICLE CHARACTERIZATION
PHARMACEUTICAL TESTING

www.verder-scientific.com

ERWEKA



70 YEARS OF EXPERIENCE

TESTING EQUIPMENT FOR THE PHARMACEUTICAL AND LIFE-SCIENCE INDUSTRY

DT 950/9510 SERIES – THE DIGITAL DISSOLUTION TESTER

ADVANCED, DIGITAL TECHNOLOGY FOR 100% COMPLIANT DISSOLUTION TESTING

The ERWEKA DT 950 Series is our first digital dissolution tester on the market, equipped with advanced technology for the requirements of today and the challenges of tomorrow. Its intelligent features and modern user interface enable focused, 100% USP/EP/JP conform dissolution testing for the USP methods 1, 2, 5 and 6.

BENEFITS AT A GLANCE

- | 100% USP/EP/JP compliant
- | USP methods 1, 2, 5 and 6
- | Intuitive user interface
- | Upgradable at any time
- | Intelligent testing assistant
- | 6 to 8 and 12 to 14 test stations available



MULTICHECK 6 – HIGH-VOLUME HARDNESS TESTING

OBLONG NAVIGATOR® ENABLES FULLY AUTOMATED, 5-PARAMETER COMBINATION TESTING

The fully automatic combination tester MultiCheck 6 is packed with innovative technology: The intuitive touch display, the capsule weight measurement system and the patented Oblong Navigator® are only some of the innovative features. It enables high-volume, fully automated combination testing with measurement of up to 5 parameters! It can be customized with a multitude of options to suit a variety of needs.

BENEFITS AT A GLANCE

- | OblongNavigator® aligns all kinds of tablets for hardness measurement
- | Control with touch display or connect the MC.NET PC software
- | High-volume with rotary magazine
- | Silent and fast operation





FULLY AUTOMATED, 5-PARAMETER COMBINATION TESTING FOR UP TO 20 SAMPLES

EasyCheck is the compact, entry-level combination tester for up to 20 samples. With the integrated load cell for automatic weighing, the OblongSlider® for automatic alignment and its intuitive touch display, testing for the 5 parameters hardness, diameter/length, thickness, width and weight is as easy as never before.

BENEFITS AT A GLANCE

- | Integrated weight measurement
- | OblongSlider® technology for alignment of tablets
- | Star-shaped rotary magazine for 20 test samples

PHYSICAL TESTER

EQUIPMENT FOR EVERY REQUIRED TEST FOR SOLID DOSAGE FORMS OF DRUGS

Almost all ERWEKA products come with a multitude of options and accessories. Furthermore, many products can be upgraded – from a few test stations to many, from manual testing to fully automated systems. This makes investments in ERWEKA products future-proof and enables customers to adapt their equipment to changing requirements.

FRIABILITY TESTING WITH TAR II

- | One or two test stations
- | Intelligent balance connection with data transfer
- | TestAssist with automatic calculation
- | 100% USP/EP/JP compliant
- | Upgradeable at any time



TAPPED DENSITY TESTING WITH SVM II

- | One or two test stations
- | USP method 1, 2, 3, ASTM B527-15 and DIN ISO 787-11:1995
- | TestAssist with automatic calculation of Hausner Ratio and Compressibility Index
- | 100% USP/EP/JP compliant
- | Upgradeable at any time





ZT 730 SERIES – DISINTEGRATION TESTING

DISINTEGRATION TESTING WITH CABLE-FREE AirBasket AND AUTOMATIC DETECTION

The ERWEKA ZT 730 Series with cable-free AirBasket automatically determines the disintegration time of samples by using a unique system of sensors. The ZT 730 is available with one (ZT 731) or two (ZT 732) individually driven test stations and is equipped with an integrated flow-through heater.

BENEFITS AT A GLANCE

- | 100% USP/EP/JP compliant
- | Type A and Type B basket available
- | Cable-free and dishwasher-proof basket
- | Simple to use with automatic detection of the disintegration time point

ABOUT ERWEKA

TESTING EQUIPMENT FOR THE PHARMACEUTICAL INDUSTRY



Dissolution Tester



Friability Tester



Hardness Tester



Suppository Tester



*Powder & Granulate
Flow Tester*



*R&D all-purpose
equipment*

ERWEKA is a leading international manufacturer of test equipment for the pharmaceutical industry. We supply tablet testing equipment for large pharmaceutical and life science companies, research and test laboratories, and universities all over the world. ERWEKA stands for excellent product quality, attractive design and bespoke customer support. Our clients have trusted us for more than 70 years.

www.erweka.com

CAMSIZER 3D

PARTICLE TRACKING REVEALS TRUE MORPHOLOGY

Camsizer 3D combines all the advantages of Dynamic Image Analysis (DIA – ISO 13322-2) in a completely redesigned measuring system, setting new standards in the characterization of bulk solids.

MICROTRAC's unique patented 3D technology enables meaningful particle size results, superior to the 2D approach, opening new horizons for Dynamic Image Analysis.

- | Extended view field: each particle is analyzed up to 30 times in different orientations, making real 3D particle morphology accessible for analysis.
- | 3D tracking: providing accurate shape and volume analysis, reliably detects broken or defective particles.
- | DIMENSIONS IA Software: aligns up to 30 images per particle, creating a "particle track" (sequence of images with different orientations). Allows distributions calculation based on more size or shape parameters



SYNC

COMBINING LASER DIFFRACTION WITH DYNAMIC IMAGE ANALYSIS

With the SYNC particle analyzer, MICROTRAC integrates its highly accurate tri-laser diffraction analyzer technology with its versatile dynamic image analysis capability. The SYNC provides particle characterization practitioners with a unique measuring experience. Our patented synchronous technology allows users to make both a laser diffraction measurement, and an image analysis on a single sample:

The SYNC is ideally suited for routine QC applications. It also provides valuable information to researchers as they develop new materials and processes. Our new DIMENSIONS LS 2.0 software provides both particle size distribution information, and a multitude of morphological particle parameters. Our patented BLEND routine allows users to examine materials over a wide range of sizes, from 0.01µm to 4,000µm.



HIGHLIGHTS SYNC

- | One sample
- | One optical bench
- | One flow path
- | One sample cell
- | One analysis

BELSORP MAX X SERIES

SPECIAL MODELS OF THE BELSORP MAX X SERIES

BELSORP MAX X HT

Enabling various types of adsorption (water vapor, VOCs, and more) with a manifold block that can be heated up to 80 °C. A wider range of applications under realistic conditions (cement, concrete, building materials, heat transformation, battery electrodes, GDL fuel cells).

BELSORP MAX X HP

Custom solution to enable gas adsorption, BET surface area, pore size distribution, vapor adsorption, and adsorption rates evaluation under high pressure (up to 900 kPa). Used in CO₂ utilization, energy storage, heat pumps, air separation materials (PSA/TSA).

BENEFITS AT A GLANCE

- | Extensive product range
- | Gas selector for different adsorbents
- | Measurement temperature control
- | Reduced measurement time
- | BELCONTROL operating software
- | BELMASTER analysis software



Up to 4 measurement ports



Easy upgrade to vapor sorption



Water bath for temperatures from -10 °C to 70 °C

TURBISCAN RANGE

THE WORLD LEADER IN PHYSICAL STABILITY AND DISPERSIBILITY ANALYSIS OF LIQUID FORMULATIONS

New in 2024: the TURBISCAN ranges joins the MICROTRAC portfolio. The TURBISCAN stability analyzers use Static Multiple Light Scattering (SMLS) for the direct characterization of native concentrated liquid dispersions.

TURBISCAN was the first patented technology allowing accelerated aging tests on unstressed products, becoming a reference for direct stability characterization technology.

BENEFITS AT A GLANCE

- | 1 to 54 samples capacity
- | Temperature from 4°C to 80°C
- | Turbiscan Stability Index (TSI): a unique and specific parameter to determine and compare the stability of different formulations in one click
- | Accelerated destabilization detection: up to 1,000 times faster than visual observation
- | No dilution, no mechanical stress, in concentrations up to 95%
- | Quantitative measurement of dispersion stability and shelf-life, migration, velocity, particle size diameter, and others.
- | TURBISOFT: dedicated software – data analysis made simple
- | TURBISIZE: Particle Size Distribution software add-on



STABINO ZETA & NANOTRAC FLEX

NANO PARTICLE SIZING, ZETA POTENTIAL AND CHARGE TITRATION BY DYNAMIC LIGHT SCATTERING

MICROTRAC instruments using Dynamic Light Scattering (DLS) allow Particle Size Analysis in the nanometer range and Zeta Potential analysis. DLS is an established and precise measurement technique for the characterization of particle sizes in suspensions and emulsions. When combined with the Stabino Zeta full Charge Titrations are facilitated.

This product family consists of analyzers that provide information on particle size, zeta potential, concentration and molecular weight in a single system. Microtrac is a pioneer of particle size analysis and has been developing DLS analyzers for over 30 years.



FURTHER DEVICES FOR GAS ADSORPTION, PARTICLE SIZE & SHAPE AND STABILITY & DISPERSIBILITY ANALYSIS



BELSORP MINI X



BELCAT II



BELPYCNO L



CAMSIZER X2



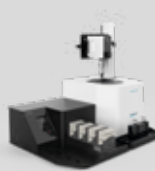
AEROTRAC II



NANOTRAC FLEX



TURBISCAN TOWER



TURBISCAN DNS

ABOUT MICROTRAC

Microtrac provides the most comprehensive product portfolio for the characterization of particular systems in a wide variety of samples - from nano particles to pebble stones. The technologies on offer include Laser Diffraction, Dynamic Light Scattering, Dynamic Image Analysis, Static Multiple Light Scattering, as well as gas adsorption and mercury intrusion porosimetry for the determination of surface area and pore size distribution.

www.microtrac.com

SUITABLE FOR FOOD & ANIMAL FEED,
FERTILIZERS, FUELS & MUCH MORE

**RELIABLE DUMAS
RESULTS IN LESS
THAN 3 MINUTES**

ELEMENTRAC CN-r

NITROGEN/PROTEIN AND CARBON ANALYSIS WITH ELTRA'S ELEMENTRAC CN-r ACCORDING TO THE DUMAS METHOD



The ELEMENTRAC CN-r offers a powerful approach to elemental analysis, combining efficiency, precision, and cost-effectiveness.

HIGH ACCURACY: The ELEMENTRAC CN-r redefines elemental analysis, delivering reliable Dumas results in less than three minutes. Ideal for standard-compliant analysis in food, animal feed, fuels, and fertilizers.

SWIFT RESULTS: Achieve comprehensive insights in less than 3 minutes, ensuring a balance between speed and accuracy for your analytical needs.

INTUITIVE DESIGN, SEAMLESS OPERATION: The CN-r features an ergonomic design with an integrated PC and a tiltable touchscreen for convenient operation. Optimized for high throughput and cost efficiency, it streamlines your workflow.

ELEMENTS 4.0 SOFTWARE: Stay ahead with the Elements 4.0 software, compliant with FDA 21 CFR Part 11 and ISO 17025.

SIMPLIFIED SAMPLE MANAGEMENT: The innovative autosampler ensures clear sample assignment, minimizing mix-ups in even the busiest labs. Easily handle a large number of samples.

COMPLETE COMBUSTION: Working with natural products? The CN-r guarantees complete combustion with a pure oxygen atmosphere, preventing carbon black formation and enhancing result accuracy. Simplify method optimization effortlessly.

COST-EFFICIENT ANALYSIS: Benefit from intelligent gas-saving functions and economical consumable use, leading to lower costs per sample. Maximize efficiency without compromising your budget.

ELEMENTRAC ONH-ps

SIMULTANEOUS MEASUREMENT OF OXYGEN, NITROGEN AND HYDROGEN

The ELEMENTRAC ONH-ps is the next generation inert gas fusion analyzer which measures oxygen, nitrogen and hydrogen simultaneously in inorganic samples like steel and iron. Whereas the ONH-p2 model determines both hydrogen and nitrogen in a Thermal Conductivity Detector the ONH-ps oxidizes hydrogen to water and uses a sensitive water IR cell for detection.

ADVANTAGES OF SIMULTANEOUS O/N/H MEASUREMENT

- | Faster and more efficient than separate O/N and H measurement
- | Reduces analysis costs (no Schuetze reagent required)
- | Increased reliability of O/N/H results which are derived from the same sample

Simultaneous O/N/H measurement is ideally suited for production control or research and development where availability of test material is limited.

ELEMENTRAC CHS-r

FUEL ANALYSIS WITH THE ELEMENTRAC CHS-r

The ELEMENTRAC CHS-r utilizes a resistance furnace with ceramic tube for simultaneous measurement of carbon, hydrogen and sulfur in organic samples like coal or coke and in selected inorganic samples like ores and building materials.

- | Ceramic tube for combustion temperatures up to 1550 °C
- | Wide range analysis from low concentrations up to 100%
- | Ideal suited for analysis of fuels like coal, coke, alternative fuels
- | Precise measurements even in heterogeneous samples due to application of high sample weights





ELEMENTRAC H-r

THE NEW ELEMENTRAC H-r

- | Resistance furnace with quartz tube for temperatures up to 1100 °C
- | New digital TCD for precise measurement from the lower ppm up to percentage range
- | XXL furnace configuration for measurement of arc weld material according DIN EN ISO 3690
- | Measurement of diffusible and total hydrogen content (depending on sample) in steel samples

WIDE RANGE HYDROGEN MEASUREMENT VIA CARRIER GAS HEAT EXTRACTION

Two different techniques are commonly used for hydrogen analysis, for example, in steel and arc welding material. Whereas the inert gas fusion method (ELEMENTRAC ONH-p2) utilizes an electrode (impulse) furnace and melts the samples, the carrier gas heat extraction method (ELEMENTRAC H-r) uses a resistance furnace at temperatures up to 1100 °C which leaves the sample in its solid state.

ABOUT ELTRA

FURTHER COMBUSTION ANALYZERS FOR DETERMINATION OF C, S, N, O, H AND THERMOGRAVIMETRIC ANALYZERS



**Oxygen Nitrogen
Hydrogen Analyzer
ONH-p 2**



**Carbon Sulfur
Analyzer CS-i**



**Carbon Hydrogen Sulfur
Analyzer CS-580 A**



**Thermal Analyzers
TGA Thermstep**

Since its foundation in 1981 ELTRA develops and manufactures state-of-the-art, robust combustion analyzers for elemental analysis of a large variety of solid materials. These ensure reliable, reproducible and highly precise measurements of carbon, sulfur, oxygen, nitrogen or hydrogen concentrations. In 2007, thermogravimetric analyzers were added to the portfolio. ELTRA is one of the leading manufacturers of combustion analyzers worldwide.

www.eltra.com



BENEFITS AT A GLANCE

- | Inert process gas
- | Cooling trap
- | Plug & Play solution
- | 15 kW heating power
- | Movable
- | Small footprint
- | Touchpanel controller
- | Freely programmable

GLO 8/13

ENTRY LEVEL SOLUTIONS FOR ADDITIVE MANUFACTURING

CARBOLITE GERO offers the GLO 8/13 furnace, a compact and versatile debinding and sintering solution for additive manufacturing. This furnace features rotationally symmetrical heating elements that encompass a 180 mm iD cylindrical retort, providing even heating throughout its length. It is suitable for all additive manufacturing processes that require either nitrogen, argon, or forming gas (N_2/H_2 95/5% or Ar/H_2 98/2%).

With a maximum temperature of 1300 °C, this furnace can accommodate nearly 80% of printed metals.

LHTG 200-300/30-1G SMART

BATTERY MATERIALS AND GRAPHITIZATION

To achieve the highest quality in graphitization, it is crucial that all materials in direct contact with the load are as clean as possible.

At CARBOLITE GERO, the hot zones of all graphite furnaces are constructed solely of pure graphite materials. The top loader furnace LHTG is equipped with a circular mantle heater arranged in a perfectly symmetrical meander that encircles the sample like a belt.

The upper roof and lower bottom of the usable space are tightly sealed with graphite felt insulation.



BENEFITS AT A GLANCE

- | Available as 2200 – 3000 °C
- | Touchpanel with PLC
- | Small footprint
- | Low power consumption



BENEFITS AT A GLANCE

- | 1700 & 1800 °C furnaces
- | Frontloader or Hood furnace
- | Touchpanel controller with or without PLC



HTF 17/64 & HB 17/430

SOLUTIONS FOR TECHNICAL CERAMICS

At CARBOLITE GERO, we pride ourselves on providing standard debinding and sintering solutions to our customers. Our close collaboration with R&D and industrial partners enables us to continually enhance our furnaces and offer the best possible solutions.

The outcome of this endeavor is our optimized HTF and HB furnaces. These front loader and top hat furnaces provide exceptional versatility, effortless handling, and an energy-efficient design that ensures optimal temperature uniformity. Standard sizes of up to 160 L are available at low lead times.

FURTHER LABORATORY AND INDUSTRIAL FURNACES AND OVENS UP TO 3000 °C



AX
Laboratory Oven



LHT High Temperature
Laboratory Oven



ELF Laboratory
Chamber Furnace



TF
Tube Furnace

ABOUT CARBOLITE GERO

CARBOLITE GERO is a leading manufacturer of laboratory and industrial ovens and furnaces covering a temperature range from 30 °C to 3000 °C. In addition to the wide range of standard products, CARBOLITE GERO develops customized solutions for complex heat treatment processes including applications under vacuum, inert gas or reactive atmosphere.

www.carbolite-gero.com



LHTG
for Graphitization



GPCMA
Inert Gas Furnace



EBO for
MIM & CIM



HTK120 for
MIM & Sintering

NEW APPLICATIONS

- | Preparation of surface-coated materials of low to medium hardness
- | Low-gap UV mounting of e.g. weld seams for routine inspection
- | For the examination of fine components, e.g. coated copper wires
- | Materialographic samples on histological materials such as bones and teeth



UV MOUNTING DEVICE QMOUNT

THE MODERN WAY TO FASTEST MOUNTINGS!

BENEFITS AT A GLANCE

- | Transparent mounting of samples in 1-10 minutes, ideal for fixing and positioning small samples
- | No external heat or pressure application required
- | Single-component acrylate-based mounting materials facilitate handling
- | Curing under UV light in a very short time at approx. 90 °C
- | Maximum sample throughput

CONSUMABLES

NEW APPLICATIONS WITH THE MOUNTING RESIN QPREP UV 55

Qprep UV 55 is a low-viscosity UV mounting resin, ideal for transparent routine mounting of soft to medium-hard materials. The special composition enables mounting with reduced gap dimensions.

BENEFITS AT A GLANCE

- | Very good transparency and polishability
- | User-friendly and low-viscosity one-component system
- | Low-gap mounting (up to 70% less than Qprep UV 50) using the Qmount UV mounting device
- | Curing time: 10 min

NEW OPTIMIZED QMOULD UV MOUNTING MOULDS

The new and durable **Qmould mounting moulds** ensure easy demoulding of the finished samples thanks to the added handles.

BENEFITS AT A GLANCE

- | Maximum transparency of the mounted sample
- | Optimum curing in conjunction with the Qmount UV mounting device
- | Now also available in 50 mm diameter



MACRO HARDNESS TESTERS QNESS 200 CS / CSA+

NEXT-GENERATION UNIVERSAL HARDNESS TESTING

In the development of the Qness 200 units, particular attention was paid to maximum performance with minimum effort.

BENEFITS AT A GLANCE

- | Economic, efficient and sustainable
- | Supported test methods: Vickers, Brinell, Rockwell and Knoop
- | Test force ranges from 0.5 - 187.5 kg
- | Outstanding image quality, Ethernet industrial color camera
- | Standard 5-position toolchangers
- | Patent-registered, swiveling downholders
- | Version CSA+: Automatic table height adjustment and slide 220 x 220 mm
- | Qpix2 software fully compatible (PCI, Q-DAS, AMS, CRM, ERP)



IOT APP

EXPERIENCE THE FULL POTENTIAL OF YOUR DEVICE WITH IOT



Imagine a world where your QATM hardness testers not only perform their core functions but also seamlessly connect and communicate like never before. This is precisely what

our Verder Scientific IoT platform offers.

Integrate your QATM hardness testers into the Verder Scientific IoT platform and experience an elevated level of functionality and connectivity.

HIGHLIGHTS OF THE VERDER SCIENTIFIC IOT-PLATFORM

- | Real-time monitoring
- | Live notifications
- | Effortless backup
- | Automatic software updates



SIGN UP NOW AT
iot.verder-scientific.com



DOWNLOAD THE APP!



ABOUT QATM

CUSTOMIZED SOLUTIONS – WITH COMPETENCE AND PASSION

QATM provides tailor-made solutions for the materialographic laboratory. The machines for cutting, mounting, grinding, polishing, etching, analysis and hardness testing set worldwide standards in quality and R&D and are characterized by user-friendly, innovative technology, longevity, and a clear and modular design. QATM combines the expertise, creativity and customer-oriented support of the two teams in Germany and Austria.

www.qatm.com

THE NEW PLANETARY BALL MILL PM 300

POWERFUL AND ERGONOMIC BENCHTOP MODEL WITH JAR VOLUMES UP TO 500 ML

With the new PM 300 Planetary Ball Mill, RETSCH offers a powerful instrument that combines efficiency with significantly improved handling and increased sample throughput. The mill accommodates 500 ml grinding jars and allows for processing up to 2 x 220 ml sample material per batch. The maximum speed of 800 rpm is a prerequisite for highest pulverization energy and short processing times.

SIMPLE AND ERGONOMIC HANDLING

- | Easy and safe clamping of the grinding jars thanks to lockable sun wheel and ergonomic clamping unit
- | Free access to grinding chamber and jars for easy cleaning

BETTER PLANABILITY

- | Upon entering the grinding parameters, the display indicates the expected finishing time
- | Smart service interval notification based on usage

HIGH FLEXIBILITY

- | Two grinding stations for jars of min. 12 ml and max. 500 ml
- | GrindControl to measure temperature and pressure inside the jar

EASYFIT GRINDING JARS FOR EXCELLENT RESULTS

The name says it all - the brand-new EasyFit grinding jar line for all RETSCH Planetary Ball Mills offers

- | Easy clamping
- | Absolutely tight fixing thanks to Advanced-Anti-Twist functionality - even at high speed
- | Interchangeable lids for the 3 lid sizes that fit the whole range



ACCESSORIES

ACCESSORIES FOR PROCESSING SMALL VOLUMES IN BALL MILLS

MULTI-CAVITY JARS FOR MIXER MILLS MM 500 CONTROL AND MM 500 NANO

- | Available with four 10 ml and two 25 ml cavities
- | Made of stainless steel
- | Pouring aids included

5 ML STAINLESS STEEL JARS FOR MM 400 AND MM 500 VARIO

- | Adapter holds 4 jars, so that 8 samples (MM 400) and up to 24 samples (MM 500 vario) can be processed simultaneously

2 ML STAINLESS STEEL REACTION VIALS FOR ALL MIXER MILLS AND THE CRYOMILL

- | MM 500 control and MM 500 nano: adapter for nine 2 ml stainless steel reaction vials or 18 single use reaction vials of 1.5 ml or 2 ml
- | CryoMill: PTFE and steel adapter for 1.5 ml and 2 ml polymeric single-use reaction vials or 2 ml stainless-steel reaction vials. 6 samples per batch can be processed
- | MM 400 and MM 500 vario: PTFE adapters enable simultaneous preparation of up to 20 samples (MM 400) and up to 50 samples (MM 500 vario)



LABORATORY MILLS AND SIEVE SHAKERS FOR SAMPLE PREPARATION AND CHARACTERIZATION OF SOLIDS



**Jaw Crusher
BB 500**



**Knife Mill
GRINDOMIX GM 200**



**Ultra Centrifugal Mill
ZM 300**



**Cutting Mill
SM 300**



**Vibratory Disc Mill
RS 200**



**Planetary Ball Mill
PM 100**



**Mixer Mill
MM 500 control**



**Vibratory Sieve Shakers
AS 200 series**

ABOUT RETSCH

RETSCH is the worldwide leading solution provider for neutral-to-analysis sample preparation and characterization of solids. The product range includes innovative size reduction devices and analytical sieve shakers characterized by excellent performance, operating convenience, safety and a long lifetime.

www.retsch.com

DISCOVER THE FUTURE OF CONNECTIVITY WITH THE VERDER SCIENTIFIC IOT PLATFORM

Our cutting-edge initiative integrates Verder Scientific products into a cloud solution, providing you with enhanced functionalities and seamless connectivity, providing you with meaningful technical solutions to enhance their day-to-day operations and streamline your labs efficiency with automatic backups and remote access to your reports and data.



YOUR VIRTUAL LABS

Get the most out of existing instruments and produce reproducible, high-quality analyses that meet increasing regulatory requirements.



MAXIMIZE USE & REDUCE DOWNTIMES

Get notified when, e. g., measurements are completed, operations are interrupted, or maintenance is required.



KEEP YOUR DEVICE SOFTWARE UP TO DATE

Updating your software via our IoT platform is a simple and straightforward process which ensures that you always have access to the most up-to-date features and improvements.



BACKUP & RESTORE

Define what you want to store centrally (program directory with or without other data) and quickly restore your system in an emergency.



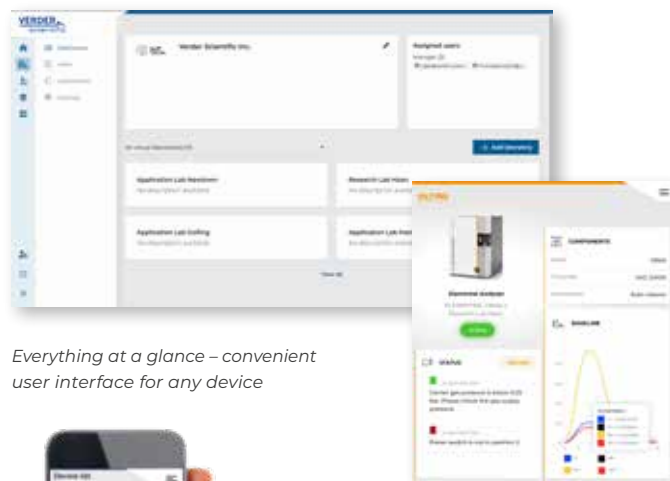
SERVICE & DIAGNOSTICS

Monitor the correct status and maintain verifiable and reproducible analysis quality. If external help is needed, simply provide our service engineers with the log files, or give them access to your analyzer.



AUTOMATE REPETITIVE TASKS

To help you spend more time on the essentials, we offer a range of automation solutions for repetitive tasks.



Everything at a glance – convenient user interface for any device



START EXPLORING!

Interested in learning more about the Verder IoT Platform? Scan the QR code and discover our solutions.

WE ARE HERE FOR YOU – ANYTIME ANYWHERE!

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