

## About us

### Sysmex in Benelux

In 1963, Sysmex, at that time TOA, introduced the first automatic blood cell counter to the market. Today, with headquarters in Kobe, Japan, the company has close to 9,000 employees worldwide. Since 2009, Sysmex Netherlands and Belgium are part of the Sysmex organization. And although Sysmex is mostly known for IVD products such as haematology and urine analysers, Sysmex Netherlands and Belgium distribute a far wider range of products. In this brochure we introduce a small cross-section of our portfolio. Our main divisions are:

- In-vitro diagnostics
- Oncology & Pathology
- Industry & Research
- Environment & Safety
- Laboratory equipment

For more details as to our entire product range, please do not hesitate to get in touch. We also look forward to welcome you in our new Sysmex Academy trainingscenter. For more information about us please visit us at: [www.sysmex.nl](http://www.sysmex.nl) • [www.sysmex.be](http://www.sysmex.be)



R&D Tower,  
Sysmex Technopark  
Kobe, Japan



Are you interested in education program? Please ask for our information guide or go to: [www.sysmex.nl/academy](http://www.sysmex.nl/academy)

Are you interested in Centrifuges? Please ask for our folder.

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**Manufacturer Mastersizer 3000, MicroCal PEAQ-DSC Automated: Malvern Instruments Ltd**  
Enigma Business Park, Grovewood Road, Malvern, WR14 1XZ, Worcestershire, United Kingdom

**Manufacturer SPECTROTEST, SPECTRO ARCOS: SPECTRO Analytical Instruments GmbH**  
Boschstraße 10, 47533 Kleve, Germany

**Manufacturer MSA: Krüss GmbH**  
Borsteler Chaussee 85, 22453 Hamburg, Germany

**Manufacturer Sorvall LYNX: Thermo Fisher Scientific**  
168 Third Avenue, Waltham, MA United States of America 02451

You will find your local Sysmex representative's address under [www.sysmex-europe.com/contacts](http://www.sysmex-europe.com/contacts)

## Industry & Research Product overview 2018



## Product overview

### Analytical instruments

<b>Malvern</b>	Particle/Droplet size & shape (0.3 nm – 3.5 mm), Stability (Zetapotential), GPC/SEC systems, Rheometers (Rotational & Capillary), Viscometers, Microcalorimetry (ITC & DSC), Automated analysis of particle size, shape and chemical identity
<b>Distek</b>	Tablet dissolution
<b>Krüß</b>	Contact angle measuring systems, Tensiometers & Foam analysers
<b>Spectro</b>	X-Ray Fluorescence (XRF), ICP-OES, ICP-MS, Stationary Metal Analyser (SMA) and Mobile Metal Analyser (MMA)
<b>Atago</b>	Digital and handheld refractometers, Polarimeters
<b>JAI</b>	Recycling preparative HPLC, Curie GC/MS point pyrolyser

### Prep & Storage

<b>Sorvall/Thermo</b>	Low speed, High speed, Ultra speed, Blood processing, High volume centrifuges and Fiberlite rotors
<b>Heraeus/Thermo</b>	Benchtop centrifuges, Fiberlite rotors, Ovens, Incubators, CO2 incubators, (Ultra) Low freezers and Laminar flow cabinets
<b>Genevac/SP Scientific</b>	Rotational Vacuum Concentrators
<b>VirTis/SP Scientific</b>	Freeze dryers
<b>Angelantoni</b>	Total solution for automatic cryogenic storage
<b>Shimadzu</b>	Balances

### Process

<b>Atago</b>	In-/Online refractometers (also concentration and Brix)
<b>Malvern</b>	In-/Online particle sizing (Wet & Dry)
<b>Spectro</b>	In-/Online XRF, ICP and SMA

## Highlights



### Sysmex Cyflow® CUBE 8 Flow cytometer

- Configurations with up to 8 optical parameters (up to 6 colours)
- Choice of lasers with 375, 407, 488, 532, 561, 594, 638, 640 and 785 nm
- Particle size 0.1 – 100 µm
- Fluorescence sensitivity:  $\leq 100$  MESF (FITC) |  $\leq 50$  MESF (PE)
- Optional CyFlow Robby 8 Autoloading station



### Krüß Mobile Surface Analyzer

- Surface free energy in a second with only one click
- Mobile non-destructive quality control of solid substrates before or after treatment
- Innovative dosing system for parallel contact angle analysis with two liquids
- Works on vertical, overhead and curved surfaces



### Malvern Mastersizer 3000 – Smarter particle sizing

- Broad measurement range: from 10 nm to 3.5 mm
- Reproducible, accurate measurement: data acquisition rates of 10 kHz
- Small footprint: optical bench spans just 690 mm
- Flexible user-independent operation: easy to switch wet and dry dispersion units
- State-of-the art dry powder dispersion
- Highest performance wet dispersion



### SPECTRO ARCOS – ICP spectrometer

- Axial and Radial Plasma Observation without compromises in one system
- A matchless optical resolution
- Highest plasma power available (0.5 – 2.0 kW)
- Elimination of the Need for Purge Gases
- No need for an External Cooling System: Completely Air-cooled plasma interface and Generator Technology



### Malvern Kinexus Pro+ rotational rheometer

- All modes of rheological operation – stress control, shear rate control and direct strain controlled oscillation at demand strain amplitude for accurate control of sample strain history.
- Exceptional vertical travel and gapping capabilities with ultra-responsive and highly sensitive normal force system for class-leading performance
- Wide variety of measurement geometries optimized for rheological characterization of complex fluids and soft solids



### Sorvall LYNX – Superspeed centrifuge series

- Available in 2 models: LYNX 4000 (4 x 1000 mL) and LYNX 6000 (6 x 1000 mL)
- Auto-ID instant rotor identification, immediate rotor detection and programming
- ClickSeal® biocontainment lids, one-handed certified sample protection
- Secure, push-button rotor exchange in less than 3 seconds
- Broad rotor portfolio supporting higher performance and continuous flow/zonal capability
- Fiberlite® carbon fiber rotors, lightweight and corrosion-resistant

### SPECTROTEST – Mobile Metal Analyser

- Widest wavelength range (174 - 670 nm), high resolution optical system
- Maximum flexibility with the 4m or 8m hose and easy to change sample probes
- Industry unique one sample standardization - iCAL 2.0 - saving up to 30 minutes per day
- Battery powered operation, allowing up to 800 measurements on a single charge



NEW