BUCHI is a leading solution provider in laboratory technology for R&D, quality control and production worldwide for more than 80 years. We serve a wide range of industries such as pharmaceuticals, chemicals, food & beverage, feed, environmental analysis and academia.
Core messages to our customers
BUCHI creates added value with “Quality in your hands”

“Quality in your hands” is the guiding principle that shapes our philosophy and our actions. It challenges us to provide outstanding services that are precisely tailored to your needs. This means that we must stay in close contact with our customers. That is why we keep in touch and continue to work very hard to understand you and your business even better.

We help you by providing high-quality products, systems, solutions, applications and services that offer you added value. This allows you to focus entirely on your processes and your work.

Easy
You handle complex processes, do challenging work and want to focus on what is essential. We support you by providing carefully designed solutions as well as instruments and systems that are easy to operate.

Competent
You need products, systems, solutions, applications and services that are precisely tailored to your needs. We have the technological expertise and decades of experience needed to provide competent support and work with you to continually improve our market services.

Reliable
You want to be able to rely completely on your partner for products, systems, solutions, applications and services. We guarantee the quality and functionality of our equipment and will continue to help you quickly and efficiently whenever something does not operate to your satisfaction.
Global
You value personalized service and short communication channels. As an international family-owned business with our own subsidiaries and qualified distributors, we have a presence wherever our customers are located. Our local staff and the large number of satisfied customers around the world give you the assurance that you are working with the right partner.

Cost-effective
You want to achieve the best possible results using efficient solutions. We help you to handle your jobs and processes economically. We strive to create a high level of economic benefit and maximum added value for you.

Safe
You are working in an environment in which safety is a high priority. By collaborating closely with you, we do everything in our power to make our products, systems, solutions, applications and services as safe as possible for people and the environment.

Sustainable
You prefer a partner who acts responsibly when it comes to current environmental challenges. We support environmentally friendly processes and manufacture products that have a long service life. We utilize advanced technologies in order to conserve energy and water and leave the smallest environmental footprint possible.
Segments we cover

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Solutions for numerous applications
Our solutions for laboratory, industrial and parallel evaporation, spray drying, melting point, preparative chromatography, extraction, distillation & digestion, Dumas method and near infrared spectroscopy meet the highest needs of our demanding customers around the globe.

Quality in your hands
All our products comply with our philosophy of “Quality in your hands”. We strive to develop products and solutions that are solid, cleverly designed, convenient and easy to use in order to fulfill customer needs to the highest degree.
Our worldwide network of 20 subsidiaries and support centers as well as over 70 qualified distribution partners ensure proximity wherever you are.

For more information
www.buchi.com
<table>
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<th>Product</th>
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<td>Rotavapor® R-300</td>
<td>The R-300 meets the highest expectations in convenience and versatility. Modular design allows the extension to a fully integrated system.</td>
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<td>Interface I-100</td>
<td>The easy to use interface to regulate the vacuum conveniently.</td>
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<tr>
<td>Recirculating Chiller F-3xx</td>
<td>The efficient way of cooling, optimally suited in combination with Rotavapor® R-300</td>
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<td>Rotavapor® R-100</td>
<td>The entry level Rotavapor® to meet the essential needs in evaporation.</td>
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<tr>
<td>Vacuum Pump V-600</td>
<td>The powerful and silent vacuum source.</td>
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<tr>
<td>Rotavapor® R-220 EX / 250 EX</td>
<td>Both, R-220 EX and R-250 EX, meet the newest EX regulations and fulfill the highest safety levels</td>
</tr>
<tr>
<td>Interface I-300 Pro</td>
<td>The convenient interface with central touch screen control, recording and charting</td>
</tr>
<tr>
<td>Vacuum Pump V-300</td>
<td>The economical and silent vacuum source, optimally suited in combination with Rotavapor® R-300</td>
</tr>
<tr>
<td>Vacuum Pump V-100</td>
<td>The economical and space-saving vacuum pump for essential needs.</td>
</tr>
<tr>
<td>Interface I-100</td>
<td>The easy to use interface to regulate the vacuum conveniently.</td>
</tr>
<tr>
<td>Recirculating Chiller F-1xx</td>
<td>The essential and cost-saving way of cooling.</td>
</tr>
<tr>
<td>Glass Oven B-585 Kugelrohr</td>
<td>For distillation, sublimation, freeze-drying or drying of small samples.</td>
</tr>
<tr>
<td>Glass Oven B-585 Drying</td>
<td>The cost efficient way to dry small and medium samples gently under vacuum</td>
</tr>
<tr>
<td>Rotavapor® R-220 Pro</td>
<td>Perform large distillation processes the most economical way with up to 20 liter flask volume</td>
</tr>
<tr>
<td>Recirculating Chiller F-325</td>
<td>Make the R-220 Pro independent of supply lines. Chiller, Rotavapor® R-220 Pro, and vacuum pump form one compact unit, hosted on a trolley.</td>
</tr>
</tbody>
</table>
Lyovapor™ L-200
Efficient Freeze Drying (-55 °C, 6 kg) with Infinite-Control™ including easy method creation, data logging, chart recording in real time and required interruption at anytime and anywhere.

Lyovapor™ L-300
Infinite-Technology™ offers continuous sublimation with two alternate working and automatically cleaned condensers at -105°C including the Infinite-Control™ for entire process control.

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NEW
Melting Point

Melting Point M-565
Automated and reliable determination of melting and boiling points with video camera and replay function

Melting Point M-560
Manual determination of melting and boiling points with intuitive calibration and verification procedures for highly accurate measurements

Purification

Pure C-810/C-815 Flash
Powerful Flash purification systems, with and without ELS Detection, for maximal flexibility, purity and recovery. With standard remote control.

Pure C-830/C-835 Prep
High performance preparative HPLC systems, with and without ELS Detection. One screen programming and auto-recognition of collection racks.

Pure C-850 FlashPrep
Powerful system combining flash and preparative HPLC capabilities. Offers all the benefits of flash and prep systems in one unit.

FlashPure cartridges
A complete range of flash cartridges for optimum performance and loadability

PrepPure columns
Developed for high resolution separations. Easy scalable from 4.6 to 70mm ID and available with various phases.

GlasPure
Glass columns for big sample amounts or for higher pressure work up to 50 bar (725 psi)

Sepacore® flash systems X10 / X50
High efficiency separations at a pressure up to 50 bar suitable for all flash purification requirements

Sepacore® Easy Purification Systems
The easy to use and automated purification system
**SpeedExtractor E-914 / E-916**
Fast pressurized solvent extraction (PSE) by processing up to 6 samples in parallel.

**FatExtractor E-500**
Quick and compliant fat extraction. Gain the flexibility to readily adapt the FatExtractor E-500 to changing needs with the user interchangeable glass assembly (SOX, HE or ECE) and execute extractions according to Soxhlet, Randall or Twisselmann.

**UniversalExtractor E-800**
Perfectly suited to any demanding extraction task. Six distinct extraction positions enable individual process control and simultaneous operation of different extraction methods. High-speed heaters combined with sophisticated process control allow for the fastest and most reproducible extraction processes.

**HydrolEx H-506**
Performs acid hydrolysis as a sample preparation step prior to fat extraction for total fat determination. The HydrolEx H-506 offers a smooth and safe process with convenient system handling.

**Mixer B-400**
Combines optimal homogenization efficiency with simple operation.
ProxiMate
ProxiMate is a robust, compact and easy to use at-line NIR instrument for the food and feed industry. It reduces downtime in production and provides fast quality control of batch samples.

NIRMaster IP54
Rapid and accurate control of the quality and nutritional facts of feed, pet-food, milling and bakery products.

NIRMaster IP65
FT-NIR standalone spectrometer with IP65 protection class to meet the requirements for safety of quality control in dairy and meat food production.

NIRFlex® N-500
Reliable analysis results for quality control and R&D with a wide range of measuring cells and accessories for highest performance.

NIRWare® Software Suite
Operate BUCHI FT-NIR spectrometer without advanced expertise. The bi-directional LIMS interface allows flexible and secure data exchange with full traceability.

NIRCal® Chemometric Software
The powerful chemometric software package to develop robust NIR methods which lead to fast and reliable NIR prediction results.

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Continuously monitor key parameters such as moisture, fat or protein in manufacturing processes in real time.

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Control your entire process most economically - Innovative Multi-point Heads provide a cost-effective way to determine relevant production parameters.
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We regularly offer practical seminars and workshops, often in co-operation with other partners in the field of sample preparation and analysis. Customer contributions thereby underline how our solutions facilitate the daily routine. We also attend many local and international scientific and industrial congresses.

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We help you to set your product properly into operation. We provide thorough Installation/Operation Qualification (IQ/OQ) services to ensure compliance with FDA, GLP/GMP standards or GAMP guidelines. Whether it is because of an initial installation, requalification or relocation, we provide professional compliance verification.

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