



NEWS RELEASE

## Bruker Acquires Optimal Companies for Pharma PAT Software and Biopharma Manufacturing Automation Expertise and Technologies

4/5/2022

BILLERICA, Mass.--(BUSINESS WIRE)-- Bruker Corporation (Nasdaq: BRKR) today announced the acquisition of **Optimal Industrial Automation and Technologies**, a leader in pharma and biopharma process analytical technology (PAT), pharma manufacturing automation and Quality Assurance (QA) software and systems integration, based in the United Kingdom. The Optimal biopharma tools acquisition strengthens Bruker as a key software and solutions provider for small molecule, biologics and new drug modalities pharma companies.

This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20220405005227/en/>

The award-winning Optimal PAT knowledge management software synTQ® can help to optimize biopharma manufacturing processes in real-time. (Photo: Business Wire)

Financial details of the acquisition were not disclosed.

Optimal's 2022 revenue is

expected to be approximately \$10 million, and Optimal's revenue growth rate and operating margins are projected to be accretive to Bruker in 2023 and beyond.

The Optimal biopharma tools and automation capabilities complement Bruker's innovative and differentiated **high-value NMR, mass spectrometry, SPR, molecular spectroscopy** and **X-ray scientific instruments**, and life-science solutions for biopharma drug discovery and development, as well as for PAT analytical and QA solutions. Together these biopharma tools enable Bruker's global biopharma customers to bring efficacious and safe medicines to market more quickly.

Optimal has a focus on the automation and optimization of batch and continuous processes in the biopharma

industry – from R&D to manufacturing. As an integrated PAT solutions provider, Optimal offers development, testing, deployment and support of quality-centric pharmaceutical production systems. Optimal has more than 30 years of experience in successfully delivering regulatory-compliant biopharma solutions, ranging from the development of automated control systems for process control to the market-leading, vendor-agnostic PAT knowledge management software **synTQ®**.

The synTQ PAT software can interface between multiple analytical instruments (spectral and univariate), multi-variate analysis (MVA) packages, manufacturing control systems and a range of adjacent software solutions to ensure quality in real-time.

As a 2021 Pharma Innovation Award winner, synTQ is a proven enabler of quality-by-design (QbD) via PAT. For users of synTQ, this can significantly increase productivity and quality, while reducing waste, time-to-manufacture and time-to-market, with proven Optimal use cases tripling biopharma productivity.

While remaining a vendor-agnostic biopharma solutions provider, Optimal can integrate bioanalytical technologies such as nuclear magnetic resonance (NMR), mass spectrometry (MS) and FTIR/NIR/Raman systems into innovative drug discovery, development, PAT and quality control workflows. Combining next-generation, high-performance technologies with Optimal solutions eases the transition from development to biopharma manufacturing, while remaining in regulatory compliance.

Dr. Falko Busse, President of the Bruker BioSpin Group, commented: “The acquisition of Optimal is a very exciting step for Bruker as it supports more comprehensive solutions for the biopharmaceutical industry, now adding the capabilities to integrate cutting-edge systems into biopharma manufacturing processes and workflows. We welcome the Optimal team with their strong PAT and automation expertise and, together, are eager to support biotech and pharmaceutical companies in increasing their manufacturing efficiency and flexibility – a global need highlighted by the response to the pandemic crisis.”

Mr. Martin Gadsby, the CEO and Co-Founder of Optimal Industrial Automation and Technologies, added: “We are delighted to become part of the Bruker family. Optimal and Bruker together are a perfect fit – we share the common ethos of innovation with integrity, together with our industry recognition as a high-quality solutions provider delivering tangible benefits to our customers. The whole Optimal team is excited by this new chapter in our history and looks forward to delivering benefits to even more biopharma customers and ultimately to patients around the world.”

For more information about Optimal Industrial Automation and Optimal Industrial Technologies, please visit:

<https://www.optimal-ltd.co.uk/> , <https://optimal-tech.co.uk/> and [syntq.com](https://syntq.com)

For more information about Bruker's pharmaceutical applications, please visit:

<https://www.bruker.com/en/applications/pharma.html>

## About Optimal Industrial Technologies and Automation

A well-established system integrator with more than 30 years of experience, at Optimal we specialize in automating a client's R&D or manufacturing system to ensure that their processes remain at the highest level of efficiency. The demands being placed on manufacturers in relation to production costs, product quality and business sustainability are ever increasing, and our primary aim within Optimal is to assist you in being the most competitive supplier of your product to the highest level of quality in the worldwide marketplace, and to ensure that you continue to maintain your lead in the years ahead.

We have a rare and wide-ranging skill set covering a multitude of automation technologies, manufacturing processes and industry types, with very specific knowledge in highly regulated environments. In addition, we manufacture the world leading PAT Data Management software package - synTQ® and the widely used integrated Print and Inspect system - synTI®. The combination of our PAT implementation knowledge and synTQ® product together with our automation experience positions us with unique skills that can be leveraged to great advantage by our customers.

## About Bruker Corporation (Nasdaq: BRKR)

Bruker is enabling scientists to make breakthrough discoveries and develop new applications that improve the quality of human life. Bruker's high-performance scientific instruments and high-value analytical and diagnostic solutions enable scientists to explore life and materials at molecular, cellular and microscopic levels. In close cooperation with our customers, Bruker is enabling innovation, improved productivity and customer success in life science molecular research, in applied and pharma applications, in microscopy and nanoanalysis, and in industrial applications, as well as in cell biology, preclinical imaging, clinical phenomics and proteomics research and clinical microbiology. For more information, please visit: [www.bruker.com](http://www.bruker.com).

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### Investor Contact:

Justin Ward

Sr. Director, Investor Relations & Corporate Development

Bruker Corporation

T: +1 (978) 663-3660 x1479

E: [Investor.Relations@bruker.com](mailto:Investor.Relations@bruker.com)

## Media Contact:

Thorsten Thiel, Ph. D.

VP of Group Marketing

Bruker BioSpin

T: +49 (721) 5161-6500

E: [pr@bruker.com](mailto:pr@bruker.com)

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