

- LABORATORIES IN LEADERSHIP -

The essence of time...



It's the Sample that Moves![®]

The features

It's the Sample that Moves! has many features. Full Automatic Inoculation can be integrated applying the Inoqua®-TLA-FA. Any fluid specimen will automatically be opened-inoculated-spread-sorted and transported to the incubators. At high through-put (up to 400 inoculations per hour) in order to cope with peak periods. Using the patented magnetic rolling bead principle in 5-fold the inoculation capacity is extreme high. Rolling is a superior method to create enough single discrete colonies. Essential as '1st day results' is the goal of any bacteriologist.

In order to create a 24/7 non-stop laboratory, incubation and digital imaging is performed non-stop, day and night by the ReadA® technology. By collecting digital images of each culture, digital reading is performed through the ReadA browser creating a huge quality and efficiency improvement. E-learning is possible through the use of the ReadA database holding digital images of many bacteria and different patient samples. E-learning supports further improvement for diagnostic quality and traceability.

Automatic pre-screening, using Vision Toolbox®, of chromogenic cultures makes sure your scientists focus and spend their precious time on the right specimen, suspects and positives. TeleBacteriology® is applied to work from home by consultants and biomedical scientists. The ReadA browser can also be used on smart-phones such as the iPhone.

Your preferred identification and susceptibility methodology (e.g. biochemical, Maltitof, disc diffusion, etc.) can be integrated with the Kiestra system. Automatic Colony Picking by the Maltitof® combined with Brukers MALDI Biotyper® reduces the Time To Result by 1 to 2 days.

The Kiestra It's the Sample that Moves! platform is suitable to integrate with existing and new genomic/proteomic technologies now and in the future.

iPhone ready!



Work anywhere
anytime!



The leading experts who helped us reach our outstanding solutions



Frau Dr. med. A. Dirkes-Kersting, Geschäftsführende Direktorin, Hygiene-Institut des Ruhrgebiets Institut für Laboratoriumsmedizin, Gelsenkirchen:

"My opinion after visiting various laboratories in different countries who are working with the Kiestra systems in daily practice: Kiestra makes it possible to have a very high workflow which contributes to the objectification of the microbiological reading and to a basic quality improvement."



Dr. Ed Uzerman, Managing Director Streeklaboratorium Haarlem:

"Through digitalizing data and the Kiestra working method it becomes possible to separate the thinking process from doing process. The Kiestra systems make it possible to centralize your laboratory and to read the plates at any location."



Dr. David Byrne, CEO The Doctors Laboratory in London:

"Since the successful introduction of the It's the Sample that Moves!® concept in our Microbiology Laboratory in 2007, I felt that a further increase of capacity and productivity by means of the Inoqua® was required to meet the needs of the Healthcare Market."



Dr. Ian Fry, Director of Pathology, Frimley Park NHS Trust in Frimley:

"Kiestra offers the opportunity for quicker results by the nature of how plates are read more frequently. There is an opportunity to utilize consultants more effectively because of the IT links in the system, so there are benefits for the Trust and patients as a whole."



Dr. Anton Buiting, Consultant Sint Elisabeth Ziekenhuis, Tilburg:

"We automated/mechanized our bacteriology laboratory on our demands with the 'It's the Sample that Moves!' system from Kiestra. This Frisian company is very professional and is very much involved with our organization."



Herr Dr. med. L. Leitritz, Ärztlicher Leiter Mikrobiologie, Bioscientia Institut für Medizinische Diagnostik GmbH, Ingelheim am Rhein:

"Important with the design of the 'It's the Sample that Moves!' system for us where:

- Supporting our daily work processes
- Integration of the process of preparing, reading and further processing of samples
- Robustness and speed
- Capacity (or scalability) and flexibility

These goals we achieved with the support of Kiestra's Total Lab Automation concept."

Our references



Your Thinking Partner...

Total Lab Automation projects require full focus on the specific situation of your own laboratory. On the systems, lab processes and humans. This is why Kiestra invests time in knowing your situation almost as good as you know it yourself. Acting as Your Thinking Partner, we set goals that will be achieved together.

Within our approach the human factor is essential. Due to specimen variety and the specific clinical details, bacteriology requires human input and intelligence, now and in the future. Attention and awareness for this factor is embodied by our knowledge of change management called Umbrella®. Acceptance of change in combination with high quality will ensure the highest possible result. Our project managers and project engineers are experts in professional coaching and guidance at all levels within your organization.

To ensure system continuity, the Kiestra service team offers direct support to all our customers. Long term relations are strengthened by Silver or Gold Service Level Agreements. It is our obligation to continuously increase system performance. Our program for Lean Automated Bacteriology ensures a continuous search for further improvement of quality and productivity.

Kiestra Lab Automation BV, based in Drachten-The Netherlands, was founded in 1961 as Kiestra Instrumentmakers by Phillipus Pobe Kiestra. Today we are at the forefront in the development of solutions and services for modern medical bacteriology laboratories.

All our products are and will be developed in close collaboration with our customers, the bacteriologists. Short and direct communication lines is our second nature. We are proud of our Frisian ancestry who have created our culture: open, honest, genial, informal, ambitious and above all professional.

Contact

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your thinking partner

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