



**Can you increase lab efficiency
and reduce potential for error?**

Siemens Healthcare Diagnostics, the leading clinical diagnostics company, is committed to providing clinicians with the vital information they need for the accurate diagnosis, treatment, and monitoring of patients. Our comprehensive portfolio of performance-driven systems, unmatched menu offering, and IT solutions, in conjunction with highly responsive service, is designed to streamline workflow, enhance operational efficiency, and support improved patient care.

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**Two labs enhance their workflows
with the IMMULITE 2000 XPi System.**

**Learn how two doctors—Dr. Fiers and Dr. Vignati—
from different hospitals did it.**

A case study

Answers for life.

SIEMENS

Two hospital labs--the Universiteit Ziekenhuis Gent-Klinische Biologie in Gent, Belgium, and Magenta Hospital in Milano Italy—experienced improvements in efficiency and workflow, such as the ability to process up to 200 tests an hour, by using the IMMULITE 2000 XPi System. With this continuous random access analyzer, these hospitals and others like them answer a fundamental question:

What does our lab need?

Get the answers our physicians need faster.

With 1,050 beds, Universiteit Ziekenhuis Gent-Klinische Biologie serves pediatric to geriatric patients and has a large neonatal ward. As such, its lab performs between 30,000 and 40,000 tests each day. “We’re quite a busy lab; we run tests from the mundane to the exotic,” says Tom Fiers, MD. Any time that can be saved in a lab of this size is critical both to the efficiency of the lab and to the speed with which it can provide answers to its physicians and their patients.

To help, the IMMULITE® 2000 XPi System offers an auto rack loader, which allows samples to be placed onboard without pausing the instrument. The system can automatically eject a rack once all the samples have been pipetted or resulted.

Reduce the potential for error.

At the heart of the IMMULITE 2000 XPi System is a new software package, which features an easy-to-use graphical user interface, streamlined information management, and workflow-enhancing features such as automatic startup and maintenance. This new software offers many benefits, including increasing minimizing operator hands on time and simplifying the monitoring of onboard consumables.

Not only does the software simplify functions for staff, but the system’s tube top sampling feature also enables the testing of small samples with no re-labeling and minimal handling. “We have quite a number of pediatric samples in our hospital,” notes Dr. Fiers. “Our staff is very satisfied with the tube top sampling. It’s easier to read the bar code and reduces the chance for error.”

“The IMMULITE 2000 XPi’s automation was important to us,” says Dr. Vignati, MD, at the 600-bed Magenta Hospital in Milano, Italy, “Its software makes it is easier to move between different system functions. We find it easier to understand, perform, and obtain the information we need on a daily basis.”

Dr. Giulio Vignati, Head of Laboratory
Magenta Hospital, Milano, Italy

“With rack loading, we gain something like five minutes per loading cycle,” says Dr. Fiers. “That’s about 40 to 50 minutes per day or about four hours every week.” That time saved can translate to faster responses to physicians and their patients.”

Dr. Tom Fiers, MD.
Universitair Ziekenhuis Gent-Klinische Biologie
Labo Hormonologie, Belgium



Improve staff satisfaction and retention.

Imagine it: your immunoassay system ready to perform the day’s work even before the first member of your staff arrives. That’s a reality for Magenta Hospital’s lab thanks to the IMMULITE 2000 XPi System’s AutoStart. “We program the AutoStart to begin at half past seven in the morning and it has the instrument ready to use by 8 a.m. when the technician starts the work,” says Dr. Vignati. “We recover about an hour of time a day, about 30 minutes in the morning and 30 minutes at closing. Before, we had to perform both start up and closing in the presence of the operator.”

The AutoStart scheduling and maintenance features also enable staff to run quality control checks and routine maintenance on demand at pre-scheduled times to minimize disruption. “Before, it was done manually about once a month,” continues Dr. Fiers. “But now, I think the preventive maintenance is better because it is more automated.”

Work with a partner who will support my goals.

At Siemens Healthcare Diagnostics, your goals are behind every one of our innovations. That’s why we support you not just at the point of sale but through installation and beyond. Because by listening to you, we understand how to meet your real-life needs.

“Our experience with Siemens has been very good from the beginning. I would absolutely recommend the IMMULITE system to my colleagues,” says Dr. Vignati. Dr. Fiers agrees. “Siemens has been very responsive to our needs. Our technicians like working with the IMMULITE system. It’s user friendly and self-explanatory. The experience has been very positive.”

“AutoStart absolutely improves our staff’s satisfaction,” Dr. Fiers says. “Otherwise, you have to babysit the machine. In the morning, we don’t have the need to start up before the tech arrives. But, because the machine has the feature, the tech can do some other things instead of standing next to it, which is how we used to do it.”

Dr. Tom Fiers, MD.
Universitair Ziekenhuis Gent-Klinische Biologie
Labo Hormonologie, Belgium



The IMMULITE 2000 XPi System features include:

- Tube-Top Sample Cup
- Auto Rack Loader
- AutoStart Scheduling & Maintenance
- Updated, state of the art User Interface
- Improved monitoring of samples, results, and consumables

With the IMMULITE 2000 XPi System, “We recover about an hour of time a day, about 30 minutes in the morning and 30 minutes at closing. Before, we had to perform both start up and closing in the presence of the operator.”

Dr. Vignati, Head of Laboratory
Magenta Hospital, Milano, Italy

Dr. Vignati performs 15,000 tests with the IMMULITE 2000 XPi System; 150,000 tests in immunochemistry and about 2 million test in his lab (total assays across the whole lab and methods).