

Toxicology

Labs around the world are achieving more with less Indiko Plus Analyzer


Annette Hansen

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What application parameters do you measure in your lab?

Here we use the Thermo Scientific™ CEDIA™ and DRI™ testing applications and we do have different kinds of drug parameters, like opiates, benzodiazepines, cocaine, and a lot of other drugs of abuse parameters. The Indiko Plus analyzer performs immunoassays as an initial screen and if a urine screen shows a positive result, the finding is confirmed by another technique.

What is the benefit of screening?

The benefit of screening is that it is a cost-effective method to effectively monitor a patient's progress to a drug-free life.

How many samples are analyzed daily?

Typically, about 20 to 30 samples per day.

Why did you select the Indiko Plus analyzer?

Well, my old instrument was old, and I was looking for a new one. I asked Thermo Fisher Scientific if they had anything new in the market, and then I went to Stockholm to see the Indiko analyzer and I was introduced to the Indiko Plus analyzer with applications. I found the instrument very attractive. The size was just what I needed in my small laboratory. The analyzer was easy to work on. From the beginning it was very silent. I know that is a small thing, but when you are in the laboratory all day, it is actually very important that you don't have all the noise in your head.

The Indiko Plus analyzer is very user-friendly. It tells all the things you have to do. You can't do anything wrong. You just press the button, and the analyzer tells you what you need to do next.

What are your experiences after using the instrument?

After two months, I'm not disappointed. I still think the Indiko Plus analyzer is very user-friendly and we are becoming best friends. The analyzer is not that complicated; it is the same routine and now I know the instrument, like it has always been with me.

Lab technicians around the world shared their experiences with the Thermo Scientific™ Indiko™ Plus analyzer. They describe how the Thermo Scientific™ toxicology test menu and the Indiko benchtop analyzer support their valuable work to strive for a healthier, cleaner community.


Stephanie Frauchiger

Laboratory Technician, Forensic Chemistry
and Toxicology, Forensic Institute of Medicine,
University of Basel, Switzerland

What type of tests do you run on the analyzer?

We use the Indiko Plus analyzer to screen urine and tissue samples for drugs of abuse and for drugs of interest. We are using the Thermo Scientific™ CEDIA™ test kits, as well as Thermo Scientific™ DRI™ test kits.

How many samples do you run?

The screening process takes place twice a week, an average of 30 samples per week.

Why did you choose the Indiko Plus analyzer as your routine instrument? How does it improve your routine analysis?

I found the Indiko Plus analyzer extremely simple to use and very intuitive to understand. The screening process we utilize with the Indiko Plus analyzer has just honestly streamlined our entire process, at least targeted analysis.

Which kind of support do you get from Thermo Fisher Scientific?

We have a really excellent team here in Basel. Their support and technical expertise have been above and beyond what we could have expected and what we want.

“I found the Indiko Plus analyzer extremely simple to use and very intuitive to understand.”

— Stephanie Frauchiger

Your test requirements, your timing

With the Indiko Plus random access analyzer, load different specimens and drug tests in any order at any time—for concurrent test runs that adapt to your demands. A robust system design and durable components help you stay on schedule—with only five minutes of daily upkeep and one yearly preventative maintenance visit.

The Indiko maintenance formula for maximum uptime

5 min/day | 15 min/week | 30 min/month



Results on demand

- **Broad panel.** Randomly test more than 20 different drugs simultaneously with the ability to add specimens at any time during a run
- **Scalable capacity.** Run up to 350 tests per hour—or 175 tests per hour for Drugs of Abuse 2 reagent systems—and up to 54 specimens per run
- **Fast results.** First results available in approximately 12 minutes, once the instrument is up and running, with next results available in approximately 30 seconds

Specimen validity testing reagents

The use of additives and adulterants to mask controlled substances in urine samples is a difficult and ongoing challenge to drugs of abuse screening. Our DRI Specimen Validity Tests (SVT) are liquid, read-to-use and offer an easy way to detect sample adulteration.



Test serum samples
with our reagents
when urine samples
are not available



Detect sample adulteration and catch
system cheaters with our
specimen validity testing

Summary

Annette and Stephanie's shared experiences demonstrate how the Thermo Fisher Scientific drugs of abuse test menu and Indiko Plus analyzer can support a demanding, fast-paced substance abuse test environment. With its small size and low maintenance, the Indiko Plus analyzer offers automation to labs of any size.



Watch Stephanie's
interview at 0:30

Learn more at thermofisher.com/drugscreen

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