

Make the invisible visible!

Better decisions with trinamiX Mobile NIR Spectroscopy Solutions

Near-infrared (NIR) spectroscopy is already used for many occasions in different industries. It analyzes materials on a molecular level. Smart. But it gets even smarter! trinamiX developed mobile NIR Spectroscopy Solutions that introduce lab technology to everybody. On the spot, easy to use, fast, reliable, and with actionable results.

How our solution works

Handheld device

Just point to the object you want to scan and push the button. It's that easy. The device sends the infrared signal to the object and the light reflects back.



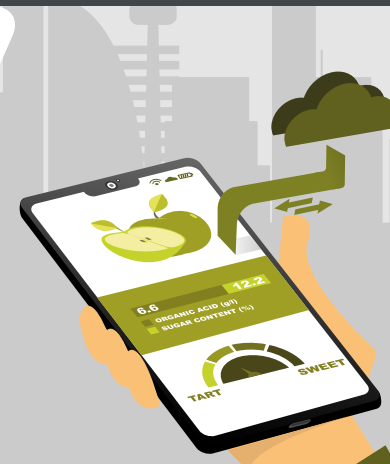
Cloud-based data analysis

The collected information is wirelessly transferred to the trinamiX cloud and processed with our chemometrics algorithms powered by state-of-the-art machine learning technology. For all our applications we carefully prepare an actionable result.



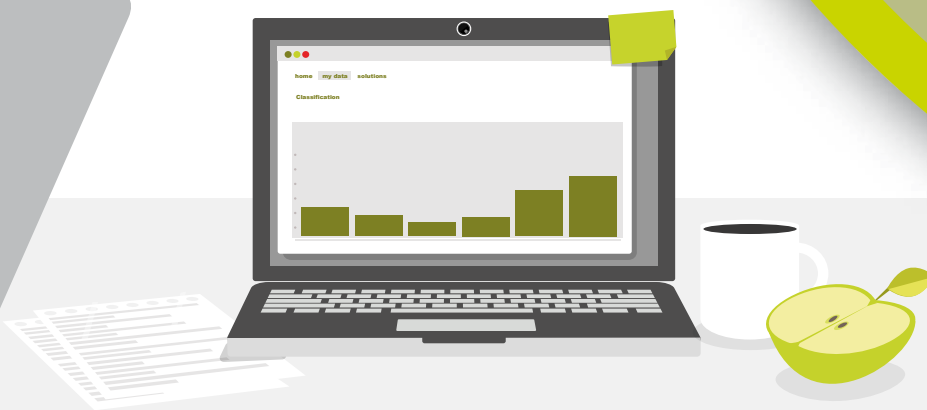
App

Within seconds, the actionable result appears in your app on Android, iOS or Windows. This result helps you to make better-informed decisions.



Customer Portal

Access and navigate through your measurement history from anywhere at any time within the customer portal. You can download your results, visualize the spectral information or access all collected data in one spot.



Benefits from our solution

Farm to fork

Better quality of nutrition, making the most out of your produce to respond to specific consumer wishes
Imagine coffee roasters who can measure caffeine and moisture levels of coffee beans. It helps them get a unique signature roasting and a reliable quality.



Circular economy

Proper sorting of material, improving recyclability and recycling streams
Your eye can't identify every existing material. If you want to recycle your company's waste, you can improve the sorting of different plastic types.



Materials and substances

Enhanced quality control
The quality of chemical products heavily depends on the quality of the incoming goods. With trinamiX Mobile NIR Spectroscopy Solutions you can, for example, determine if the granulate you use for production is too moist.



Skin and hair

Improved quality of skin and hair care products and better recommendations for customers
Skin and hair conditions vary from customer to customer. With trinamiX Mobile NIR Spectroscopy Solutions you can make well-informed decisions about the care products you develop and make sure the right product is recommended.



trinamiX Mobile NIR Spectroscopy Solutions help to create a healthier and more sustainable life.

trinamiX

A brand of
BASF – We create chemistry