

FOSS



Infratec™ Sofia

On-farm grain analysis for
improved harvest and profit



Dedicated Analytical Solutions



Accurate, reliable grain analysis is in your hands

Knowing the quality of your grain is becoming invaluable when making critical harvesting and marketing decisions. But getting this information – and making sure it is accurate and reliable – is a real challenge.

Infratec™ Sofia is a compact, easy-to-use analyser that eliminates the uncertainty from on-farm grain analysis. Based on proven technology and aligned with the renowned Infratec™ 1241 Grain Analyzer, Infratec Sofia provides unprecedented levels of analysis accuracy on-farm.

Mobile and robust, Infratec Sofia goes wherever you need it, giving you fast, reliable results to ensure you get the best return from your crop.

“Farmers have been asking for an instrument like this for several years, particularly in the area of moisture testing.”

learn more on www.foss.dk/infratecsafia



Harvest longer Harvest faster

Is the crop dry enough to harvest?

It's one of the most critical questions during harvest. Start harvesting too early and you risk rejected loads at receival or costly artificial drying. Wait too long and valuable harvesting time is wasted, pushing up costs and the risk of yield and quality losses.

With Infratec Sofia, you can accurately determine crop moisture in the field. So you can start harvesting with confidence much earlier. And you can harvest longer into the day. So harvesting is completed in the shortest possible time, reducing costs and risk.

Optimise crop returns

What is your crop really worth?

Soils and conditions can vary greatly across a field resulting in grain of varying quality.

What if there was a fast, easy way to check the quality of your grain before you harvest, or even as you harvest? With its unprecedented accuracy and mobility, this ability is now yours with Infratec Sofia, allowing critical on-farm grain handling decisions to be made on-the-spot.

Studies indicate that smart blending of grain on farm according to specific market requirements can realise extra payments to growers of over €5 100 in a single season.

It's your crop. You spend the time and money growing and harvesting it. Let Infratec Sofia help you get the best return for your grain.

*Extending the daily harvest window
can reduce total harvest time.*

Mobile measurement for smarter harvesting

Ready to go – whenever you are, wherever you are

In the harvester, in the tractor or in your car, Sofia goes where you go. Mobile, rugged, and designed for operation in harsh conditions, Infratec Sofia is ready for use wherever you are.

Using less than half a litre of grain and with no grinding or sample preparation required, Infratec Sofia gives you the information you need to make critical harvest decisions in around three minutes. Pour in the sample, select the grain type and press 'start'. The result is clearly displayed and previous results can also be recalled for review.

Better farm management

Apart from providing information critical to managing your current harvest, Infratec Sofia also assists with future cropping strategies.

Results are stored on the removable memory card, so grain quality data gathered from different areas of the farm can be used for example in field mapping and other precision farming strategies.

Simple measurement by anyone



1. Pour in the sample



2. Select grain type



3. Press start



4. Results displayed within minutes



Results you can trust...

Infratec™ Sofia is fully aligned and calibrated against the Infratec™ 1241 analyzer that has a number of approvals for trade purposes. The Infratec is the official system used for payment by bulk grain handlers around the world.



Keeping up to date

No season is exactly the same, but adjustments and improvements to calibrations ensure measurements remain accurate and reliable.

With Infratec Sofia's unique web-based update system, your instrument is always up to date. So you can be sure your results are always accurate and reliable.

New calibrations? No problem

Initially programmed for the measurement of protein and moisture in wheat and barley, Infratec Sofia is easily upgraded as new commodity calibrations become available. They are simply downloaded via the internet and transferred to your unit at the click of a button. No need to buy a new instrument.



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FOSS... a reliable partner in grain analysis

FOSS is your partner for accurate, reliable grain analysis. Our experience in automated grain quality analysis is long and proven.

The Infratec™ Grain Analyzer was introduced in 1987 and revolutionised grain analysis by providing accurate, repeatable analysis for whole grain samples. It quickly became the global standard for grain quality analysis. Now, for the first time, the Infratec™ Sofia brings these benefits on-farm.

The Infratec family of instruments is based on near infrared (NIR) spectroscopy, a field in which FOSS has vast experience and knowledge.

Gain the security of knowing that your results come from a member of the whole grain analyzer family that is officially approved and accepted around the world.



FOSS

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