

soleris Next Generation

Introducing Soleris® Next Generation (NG)

We are proud to introduce you to the next generation of Soleris; our rapid, automated microbial testing platform for product safety and quality, offering fast and reliable detection of microorganisms.

Soleris NG brings together the best of both worlds, combining our existing Soleris and BioLumix® platforms to offer a more comprehensive range of testing applications across food, nutraceutical and cosmetic matrices.

Why Choose Soleris?

Simple Protocol, Easy Workflow

Using optical technology that combines simple methodology and classic microbiology, Soleris NG can provide accurate, reproducible detection of a variety of microorganisms, via our ready-to-use media vials.

Reduced Testing Time: Versus traditional methods, Soleris NG offers quicker time to results in as little as 24 hours for TVC and 48 hours for Yeasts & Moulds. Earlier release can extend shelf life and product value.

Improved efficiency: With earlier alerts of contamination, corrective actions can be implemented immediately reducing waste and increasing throughput.

Reduced labour and materials: Our testing vials are supplied fully ready-to-use, simply inoculate the vial with your sample and place into the Soleris NG instrument for a fully automated analysis.

If you would like more information on the Soleris NG system and testing vials, simply contact us at MicrobiologyUK@NEOGEN.com

Applications

✓ Food and Nutraceutical Testing

The Soleris NG system has been developed to test product quality and safety in all areas of food production, including nutraceutical testing. Our extensive range of prepared media vials means Soleris is an ideal solution for many testing applications across different industries, from beverage and dairy, to dietary supplements.

✓ Cosmetic Testing

Our range of adaptable media vials, coupled with our PET (Preservative Efficacy Testing) software function, means the Soleris NG system can offer rapid and reliable results for PET within the cosmetics industry. By utilising our presence/absence and semi-quantitative protocols, it can also be used for end product cosmetic testing.

The Soleris NG system can be used for a variety of testing applications including:

- Spoilage flora analysis
- Sterility testing
- Raw materials
- Finished products
- Shelf-life prediction
- Challenge testing
- Challenging product testing
- Product development
- Membrane filtration
- Environmental monitoring

Insider Speaks to **Frédéric Martinez**, Business Development for Microbiology at NEOGEN

Why did NEOGEN integrate the Soleris and BioLumix platforms?

The two platforms were very similar in terms of the technology; Soleris was dedicated to food samples, and BioLumix for cosmetic and nutraceutical samples. By combining them we get the best of both, harnessing the existing Soleris benefits and extending the capabilities of the system to include new applications.

What do these new applications for Soleris NG mean for end users?

With our combined vial portfolio, users have more choice and convenience when it comes to testing. We are always working to enhance and expand our media range, and now the updated software functionality allows users to have a more complete system.

Whats next for Soleris?

We continue to invest in the Soleris system, its applications and capabilities. We are working on developing tests for anaerobes, like clostridia. It will be so easy inoculating a single anaerobic vial without the need for a jar. Maybe even in the future a quantitative Soleris without the need for calibration curves?



Available Soleris Assays:

- TVC
- Yeasts and Moulds
- Coliform
- *E. coli*
- Enterobacteriaceae
- *Alicyclobacillus*
- Gram Negative
- Lactic Acid
- *Staphylococcus*
- *Pseudomonas*
- Orange Serum Broth
- *Salmonella* spp.

Contact us for more information on vial testing applications.