

CertaBlue™

Professional Rapid Microbiology For Every Laboratory



Why wait.....

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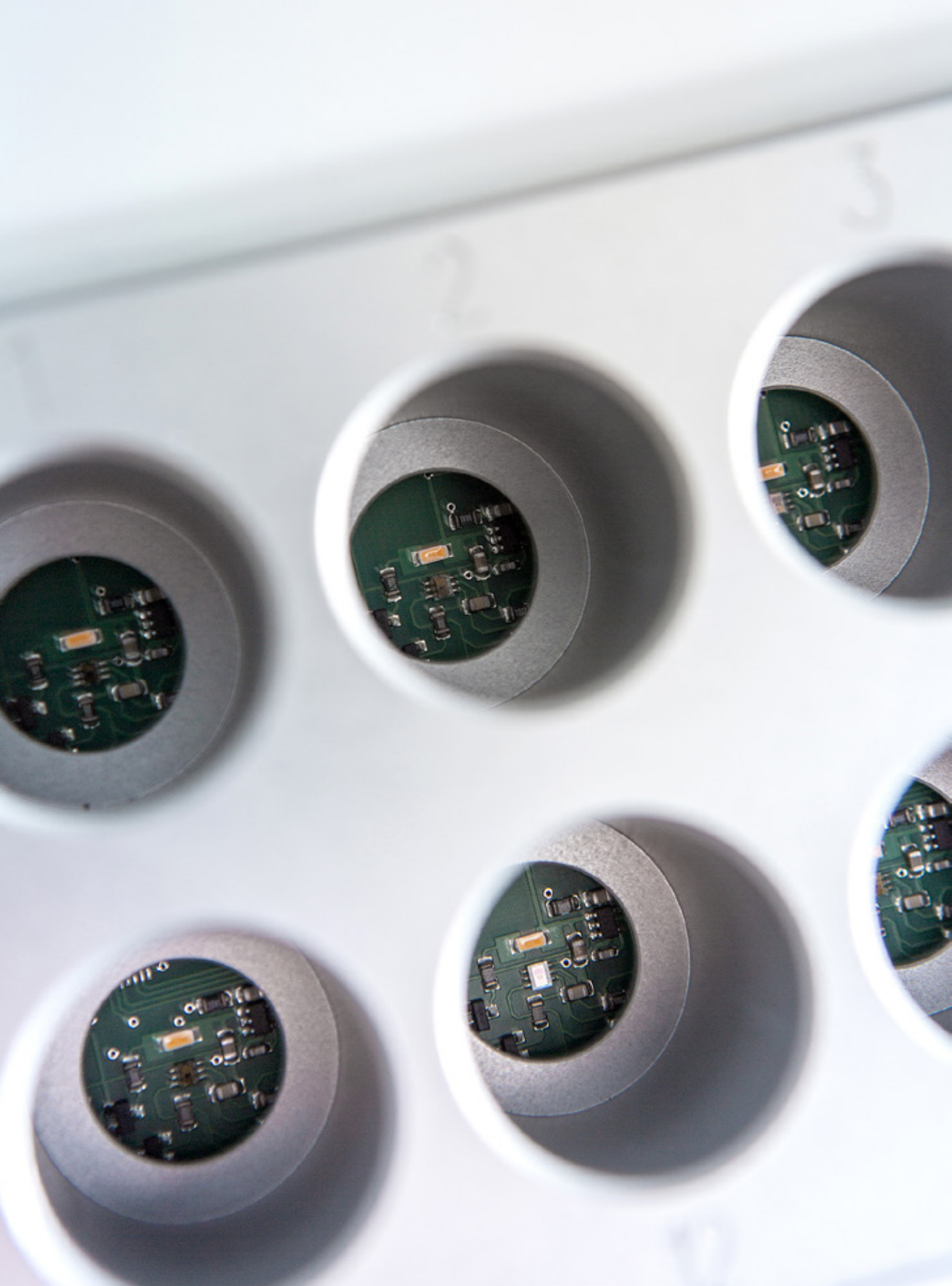


ABOUT CERTABLUE

CertaBlue introduces a new-generation microbial detection system. Our range covers a comprehensive package of tests for a variety of market segments, including nutraceutical, food, dairy, beverages, cosmetics and pharmaceutical applications.

We provide our customers with personalized service of the highest quality with comprehensive advice, training and targeted supervision. This is achieved with in-house knowledge, expertise and 24/7 service.





WHAT CAN CERTABLUE OFFER YOU?

Like many other industrial companies before you in the food or cosmetic market, achieve your objectives of enhancing profitability and product quality through CertaBlue rapid microbial testing.



BENEFITS FOR THE **FINANCIAL DEPARTMENT**

- Decrease working capital requirements and increase cash flow
- Return on investment in less than 2 months



BENEFITS FOR THE **SUPPLY CHAIN**

- Save up to 12 days on quarantine time and up to 20% of the required storage area
- Decrease end product inventory costs



BENEFITS FOR THE **MANUFACTURING DEPARTMENT**

- Reduce lead time, improve production capacity
- Rapid response to contamination incidents



BENEFITS FOR THE **QUALITY DEPARTMENT**

- Reduce non-quality costs (no defects, no recalls)
- Reduce safety stock



BENEFITS FOR THE **LABORATORY**

- Test results obtained within hours compared to days with traditional methods; microbial quality controls are not the bottleneck of a safe product release process



PRINCIPLE OF THE TEST

CertaBlue is based on rapid detection of several metabolic processes that take place within the growing organism.

The system can detect color changes through highly sensitive optical sensors. All vials are ready to use, prefilled with media and equipped with CertaBlue sensors. In most cases, the test vials can be inoculated with a non-diluted high volume sample.

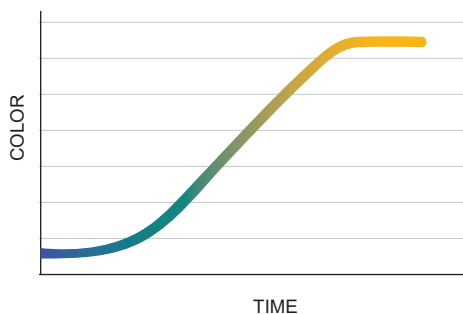
NEGATIVE



POSITIVE



REAL-TIME MONITORING



SENSOR TECHNOLOGY

The CertaBlue vials contain an optical sensor, which can detect carbon dioxide as the universal indicator for microbial growth. The sensor is placed in the bottom of the vial, where it directly detects carbon dioxide changes. CertaBlue sensors are only permeable for gases. Liquids, dyed/ heavily colored products and other particles can't falsify results.

CERTABLUE AT A GLANCE

SIMPLIFIED TEST PROCEDURES

- Ready-to-use vials including media and CertaBlue sensor
- Test procedure consists of just adding a sample to the vial

RAPID RESULTS

- Results in hours instead of days
- Real-time detection and early warning of positive samples when using the AutoScanner

THE AUTOSCANNER SYSTEM

- Ensures a quick and safe product release
- Better recovery of injured and / or damaged microorganisms
- Run an unlimited number of samples

SIMPLIFIED TEST PROCEDURE

EASY

The CertaBlue testing procedure is remarkably easy. Liquid or (semi-)solid samples in a quantity ranging from 0.1 – 9.0ml or 0.1 – 9.0gr can be added to the CertaBlue test vials, and incubated as specified. Contact your CertaBlue distributor for specific product testing protocols.

Results are displayed in real time when using the AutoScanner. Samples contaminated above the accepted level are quickly detected by the built-in early warning system.

INDUSTRIES

CertaBlue offers a comprehensive package of rapid microbiological tests, professional coaching and know-how for the following market segments:





CertaBlue™ Tests

ALL THE CERTABLU VIALS AT A GLANCE

Microbial results in hours instead of days.

TOTAL VIABLE COUNT



The CertaBlue TVC test can be used for the detection, isolation and cultivation of fastidious and non-fastidious microorganisms, including bacteria and fungi from clinical specimens, environmental sources, food and personal care/ cosmetic products. The vial has broad inclusivity and an assay time of 24 hours for most applications.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

Tests available in kits of 40 pcs.

COLIFORM



The CertaBlue Coliform test is used for detecting gram negative, lactose fermenting bacilli and as a presumptive test for coliform organisms. This test may be used for the presence of coliform organisms in food, water, milk and other materials of sanitary importance. The vial has an assay time of 18 hours for most applications.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

Tests available in kits of 40 pcs.

ENTEROBACTERIACEAE



The CertaBlue Enterobacteriaceae test is used for the cultivation and detection of Enterobacteriaceae in food and other materials of sanitary importance. The vial has an assay time of 18 hours for most applications.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

Tests available in kits of 40 pcs.

STAPHYLOCOCCI



The CertaBlue Staphylococci test is used for the cultivation and detection of Staphylococci in food and other materials of sanitary importance. The vial has an assay time of 24 hours for most applications.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

Tests available in kits of 40 pcs.

YEAST & MOLD



The CertaBlue Yeast & Mold test is used for the selective cultivation of yeasts and molds. The vial has an assay time of 48 hours for most applications.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

Tests available in kits of 40 pcs.

TOTAL VIABLE COUNT DIRECT

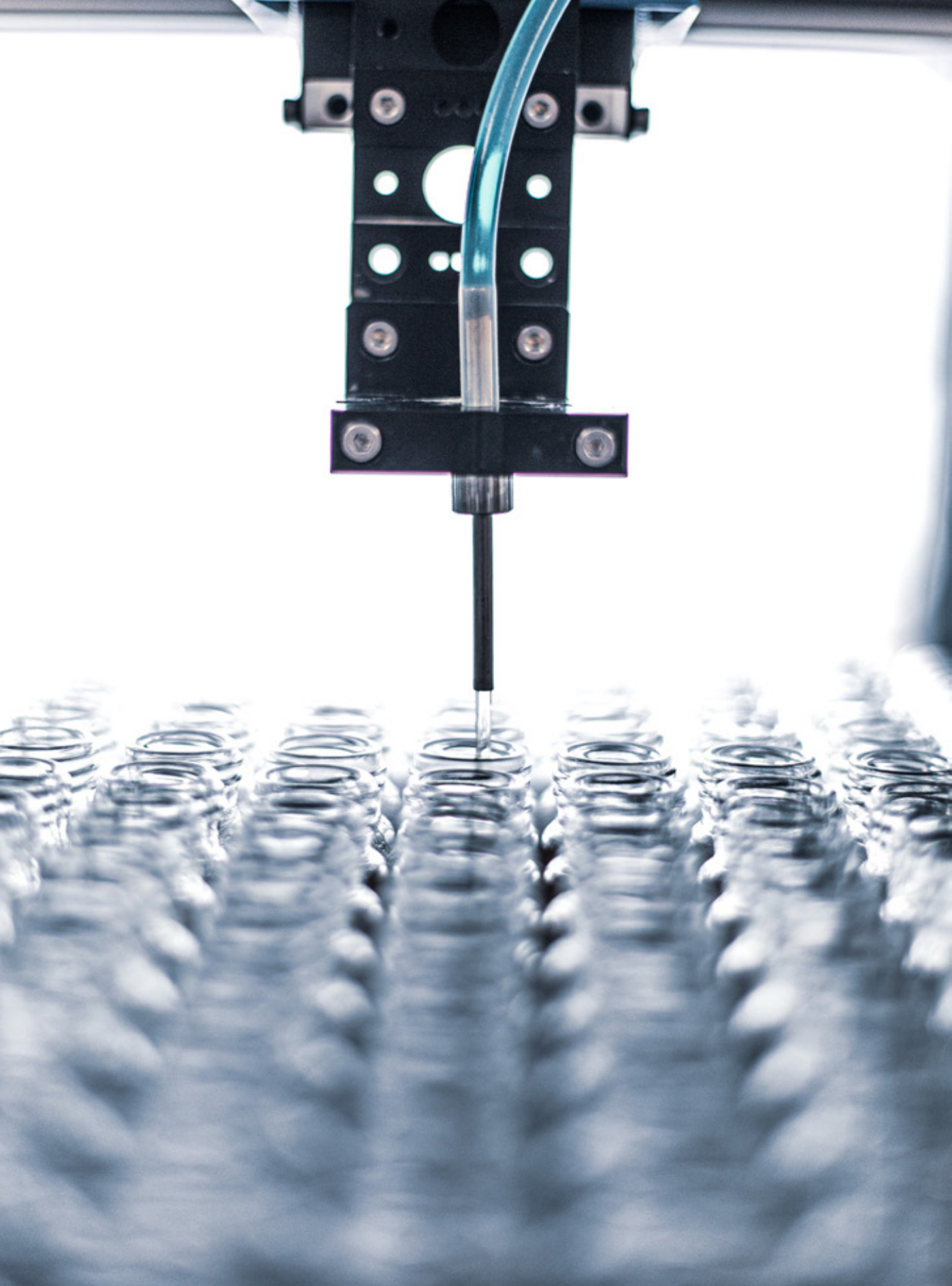
(Only For Personal Care/
Home Care Products)



The CertaBlue TVC Direct test can be used for the detection, isolation and cultivation of fastidious and non-fastidious micro-organisms in personal care/cosmetic products. The broth has high neutralizing properties, which allow an addition of 1 gram of product (in conformance with ISO regulation). The vial has broad inclusivity and an assay time of 24 – 48 hours for most applications.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

Tests available in kits of 40 pcs.



LACTOBACILLI



The CertaBlue Lactobacilli test can be used for the detection, isolation and cultivation of lactobacilli. The broth has high selective properties and an assay time of 48 hours for most applications.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

Tests available in kits of 40 pcs.

YEAST & MOLD PH ADJ

(Fermented Dairy Products Only)



The CertaBlue Yeast & Mold PH Adj test is used for the selective cultivation of yeasts and molds. The vial and sensor are especially developed for high volume fermented dairy products (up to 9ml sample volume possible). The vial has an assay time of 24 – 48 hours for most applications.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

Tests available in kits of 40 pcs.

CUSTOM



Custom ready-to-use test vials, including growth media and sensor developed for specific customer requirements.

- Ready-to-use test vials, including growth media and sensor
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquid samples

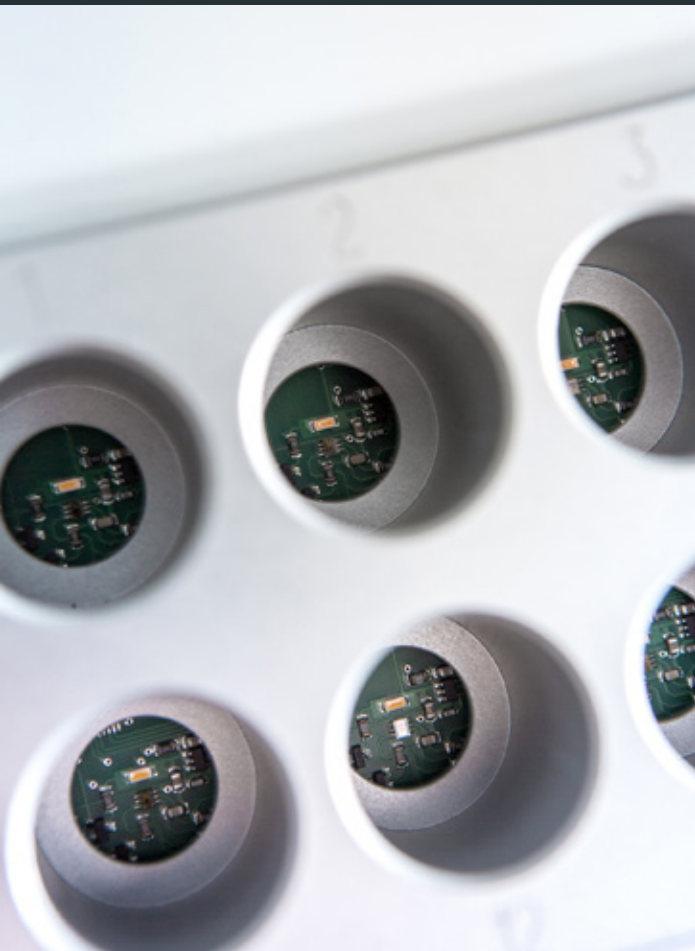
Available on request

CertaBlue™ AutoScanner

AUTOMATED MICROBIOLOGY IS NOW AVAILABLE FOR EVERY LABORATORY



**“THE AUTOSCANNER
SYSTEM IS ESPECIALLY
DEVELOPED TO MEET
CURRENT AND FUTURE
DEMANDS IN
MICROBIOLOGY”**



BENEFITS OF THE SYSTEM

- State-of-the-art rapid microbial detection system
- Low investment to get started
- Modular system for 40 samples (expandable up to 10 modules)
- Dual integrated incubators with adjustable temperature from 25 to 65 °C
- Real-time monitoring of all samples
- Early warning of presumptive positive samples
- Results in hours instead of days
- Compact, reliable design with no moving parts
- No expensive maintenance necessary
- Including CertaSoft HACCP Track & Trace software

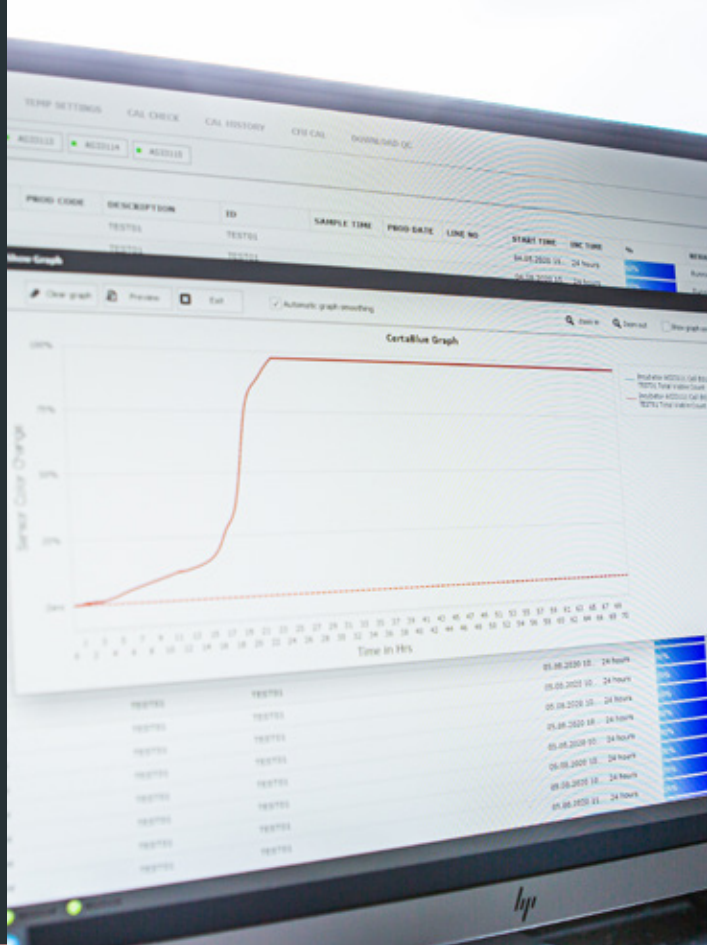
CertaSoft

HACCP TRACK & TRACE SOFTWARE



DIGITAL SOLUTIONS

- CertaSoft is a professional adaptable windows based package for controlling the CertaBlue Autoscanner(s)
- Real-time monitoring up to 400 samples
- Automated data archiving
- LIMS compatible
- Automatically generates reports and statistical trend analysis
- User friendly, minimal training required and barcode compatible
- Windows 10 compatible



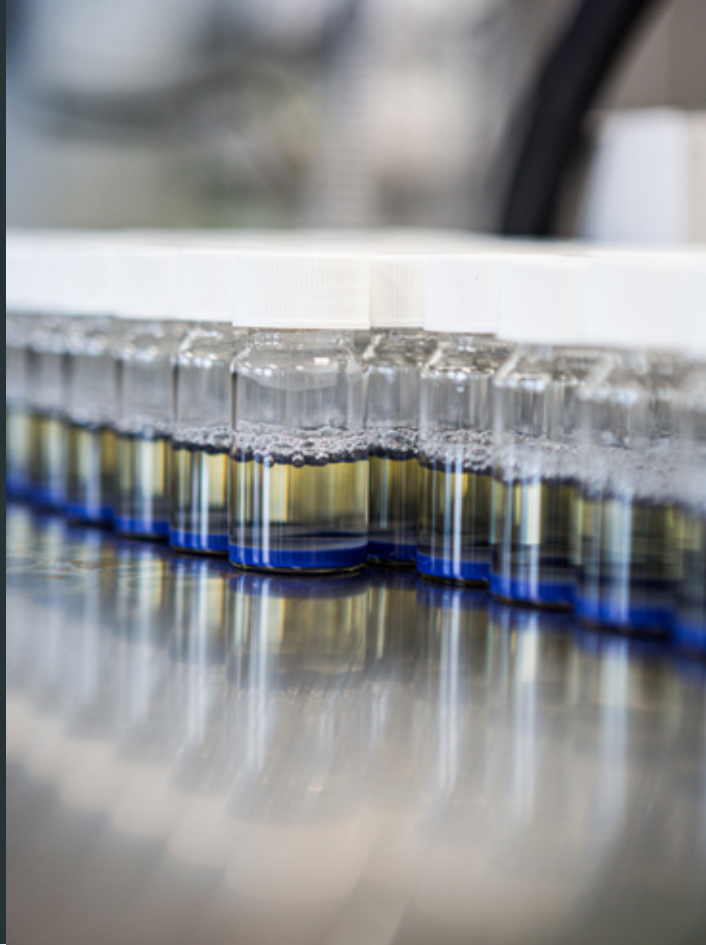
Quality without compromise

CERTABLUCE PART OF MCS DIAGNOSTICS BV



MCS DIAGNOSTICS BV

MCS Diagnostics BV is a valued, reputable and reliable worldwide supplier of high quality analysis systems, diagnostics and disposable products for professional use. Our range covers a comprehensive package of products for a variety of market segments, including industrial, clinical and veterinary applications.



QUALITY WITHOUT COMPROMISE

We deliver specific solutions for a high multitude of industries. Our knowledge and expertise enable us to work on a customer-oriented basis. We provide our customers with personalized service of the highest quality with comprehensive advice, training and targeted supervision. This is achieved by engaging our in-house expertise (qualified employees), and using the extensive knowledge of our reliable and pioneering suppliers.



PLAN A VISIT FROM OUR MICROBIAL EXPERTS

We would be delighted to schedule a demonstration of our CertaBlue products. Please contact us by email or telephone to plan a visit from our microbial experts.

REQUEST A DEMO

CertaBlue also offers you the possibility to request an online meeting and demonstration. Please visit www.certablue.com/en/demo and fill in the request form.

MORE INFORMATION

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