

Visibly simple food pathogen testing



Food testing

Thermo Scientific™ SureTect™ Automation Workflow

Enhance your pathogen detection using the SureTect Automation Workflow for the ultimate in lab efficiency



Time-saving

Rapid set-up and walk-away automation minimizes hands-on time in your workflow.



Accurate

Precise pipetting reduces the risk of human error and cross-contamination, improving the reproducibility of results.



Flexible

Manage up to 6 assays and up to 96 samples in a single run, with the choice to automate lysis, PCR setup or both.

Enhance the efficiency and productivity of your PCR testing with the SureTect Automation Workflow

In your pursuit of food safety and quality, time and accuracy are of the essence. For reliable and rapid detection of food pathogens and spoilage organisms, the Thermo Scientific SureTect PCR System delivers robust, consistent results faster than traditional reference methods.

Now, with the Thermo Scientific SureTect Automation Workflow, you can take your testing to the next level with automated lysis and PCR setup.

Utilizing the CyBio™ FeliX Instrument, the automated workflow allows you to reduce hands-on time whilst increasing the accuracy of your testing, enabling technicians to focus on other tasks.

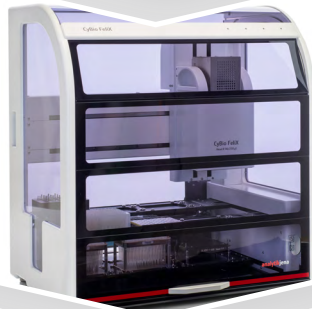
8-24
hours



Enrichment

A single same-day or overnight enrichment step, versus dual enrichment protocols, means a faster time-to-result.

5
minutes
hands-on time



Automated lysis and PCR preparation

With just 5 minutes required to prepare the CyBio FeliX instrument, load your samples, reagents and consumables and walk away. Automate lysis, PCR setup steps or the complete preparatory workflow.

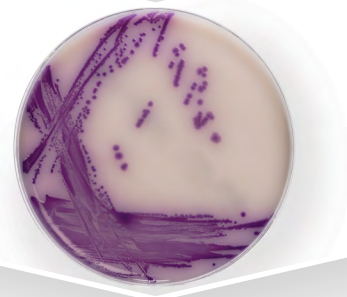
40-75
minutes
full lysis and
PCR prep

~80
minutes



Run and read

Samples are prepared, ready for transfer to the Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR System. Results are automatically interpreted.



Report/Confirm

Report PCR-negative results immediately and confirm PCR-positive results after overnight incubation.

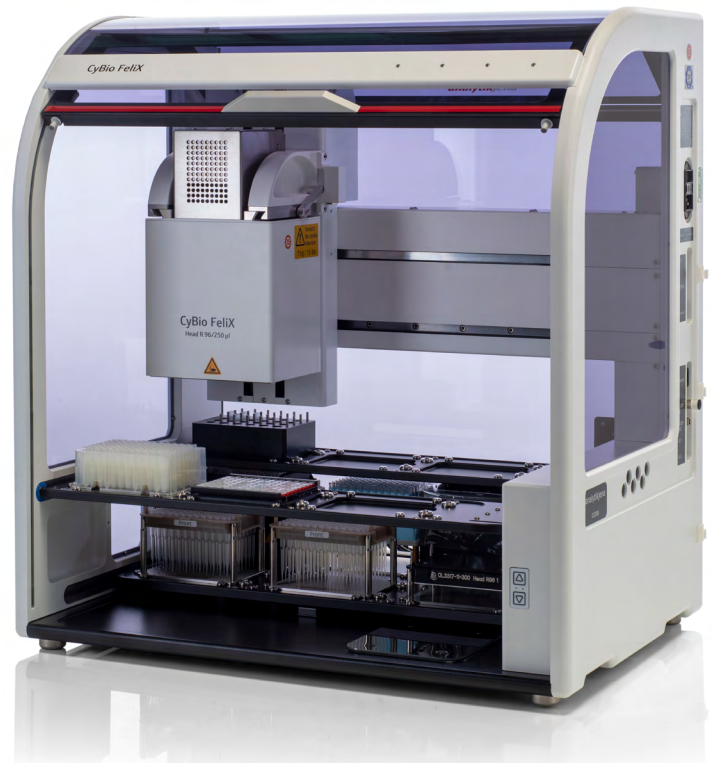
World-class sample preparation technology for our comprehensive portfolio of food safety and quality testing assays

With a user-friendly interface and innovative yet compact dual deck design, the CyBio FeliX instrument enables efficient, accurate lysis and PCR preparation whilst saving valuable bench space.

Fully validated by AFNOR (according to ISO 16140-2:2016) and the AOAC for use with all SureTect PCR Assays, the CyBio FeliX instrument's flexible programs and rapid yet precise setup ensure maximum efficiency and reproducibility in your workflow.

CyBio™ FeliX Instrument

- Ready-to-use, specific SureTect protocols
- Integrated heating and cooling block
- Choose between the CHOICE head for simultaneous 8-sample pipetting or the Head R 96 for 96-sample pipetting
- Unique 2-level deck for a small footprint
- Compact design:
 - Dimensions: 650 x 450 x 700 mm
 - Weight: 58 Kg
- Robust and factory calibrated instrument



Key Benefits of the SureTect Automation Workflow

Time-saving



- Fully automated lysis and PCR setup
- Rapid 5-minute setup time for loading reagents
- Walk-away automation, allowing lab technicians to focus on other tasks

Flexible



- Up to 6 different assays/96 samples on the same run
- Choose from full or partial plate processing
- Automate lysis, PCR setup or the complete workflow
- Open platform with LIMS compatibility

Accurate and Traceable



- Enhanced pipetting accuracy, minimizing risk of human error
- Barcoded sample entry for full traceability
- Fully validated system - AFNOR and AOAC

Intuitive software



- Simple and easy to use with no specialist training required
- User-friendly interface
- Pre-programmed runs for quick setup

SureTect Automation Workflow Instruments and Accessories

Ordering Information

Item	Description	Order code
Automation Platform, one of the following:	Automation Platform CHOICE Head	A59017
	Automation Platform Head R 96	A66295
SureTect™ Automation Software	Downloadable from thermofisher.com	A66373
Laptop	Laptop 3551 W10IOT19 RC	A49006
SureTect™ Automation Starter Pack	Automation Starter Pack:	A59905
	• Automation Lysis Tray	A59019
	• Automation PCR Adapter	A59018
	• QuantStudio™ 5 Strip Plate Tray	A55332
	• Thermo Scientific™ PCR Strip Cutting Tool	A55329
Filter Tips	• Thermo Scientific™ PCR Capping Tool	A55327
	Filter Tips for SureTect Automation 96 (12 boxes)	A66298
	Filter Tips for SureTect Automation 8/96 (10 boxes)	A59033
Sample Enrichment Tubes		A59902
Enrichment Tubes Caps		A59903
Waste Bags	Waste bags for SureTect Automation	A59034
Protective Plate	Protective Plate for SureTect Automation	A66299
QuantStudio 5 Food Safety PCR System (96-well, 0.1 mL block) with laptop and RapidFinder Analysis Software		A36328
QuantStudio 5 Food Safety PCR System (96-well, 0.1 mL block) with desktop and RapidFinder Analysis Software		A36320

Thermo Scientific™ SureTect™ PCR Assays

Item	Order code
SureTect Campylobacter jejuni, C. coli & C. lari PCR Assay	A56835
SureTect Cronobacter species PCR Assay	A56845
SureTect Escherichia coli O157:H7 PCR Assay	A56844
SureTect Escherichia coli O157:H7 and STEC Screening PCR Assay	A56838
SureTect Listeria monocytogenes PCR Assay	A56843
SureTect Listeria species PCR Assay	A56842
SureTect Salmonella species PCR Assay	A56841
SureTect Staphylococcus aureus PCR Assay	A56839
SureTect Vibrio cholerae, V. parahaemolyticus and V. vulnificus PCR Assay	A56837
RapidFinder Salmonella species, Typhimurium and Enteritidis Multiplex PCR Kit	A56846

 Learn more at thermofisher.com/suretect