

Visibly simple food pathogen testing



Food testing

Thermo Scientific SureTest Automation Workflow

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



Time-saving

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



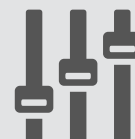
Accurate

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 option to automate lysis, PCR setup, or both.



Control

Increase choices with the Flex Package and UV-Decontamination Unit, giving you full control with minimal hands-on time.

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.

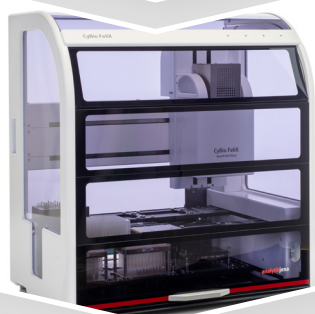
Now, with the Thermo Scientific™ SureTect™ Automation Workflow, you can take your testing to the next level with automated lysis and PCR setup.

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

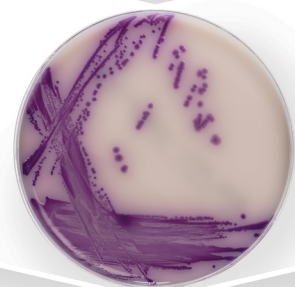


5
minutes
hands-on time



40-75
minutes
full lysis and
PCR prep

~80
minutes



Enrichment

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

Automated lysis and PCR preparation

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

Run and read

Samples are prepared and 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.

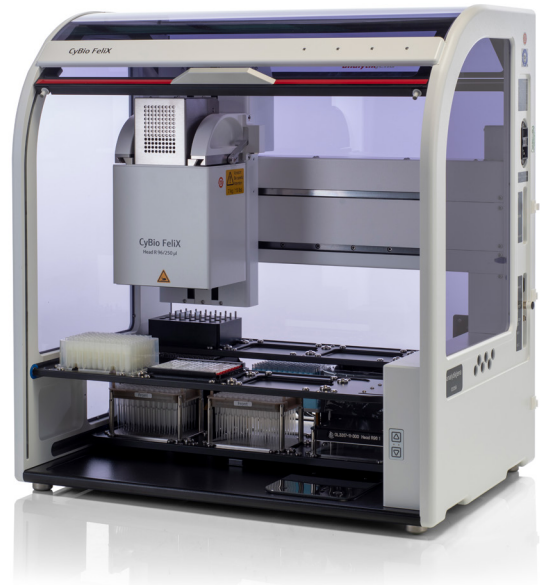
World-class sample preparation technology for our comprehensive portfolio of food safety and quality testing assays

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. The optional Flex Package for the Head R 96 allows you to switch between 8-channel and 96-channel pipetting at any time.
- Unique 2-level deck for a small footprint with optional UV-Decontamination Unit
- 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



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



Flexible

- Up to 6 different assays/96 samples on the same run
- Offers modular run time based on user needs and urgency to get results
- Choose from full or partial plate processing
- Automate lysis, PCR setup, or the complete workflow
- Open platform with LIMS compatibility



Control

- Control your consumable costs and waste with the Flex Package option
- Increase efficiency of operations with choice of runs, reducing service cost and time
- Be confident in your processes with the UV-decontamination unit

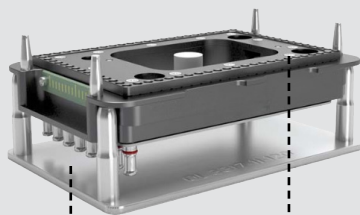


Options for Maximum Control with the SureTest Automation Workflow

SureTest Automation Flex Package*



Automation Flex Package



40 mm Height Adapter



96-Head 8-Channel Adapter



Waste Box



37 mm Support

With this optional accessory package:

- **Be in Control:** Switch between 96-channel and 8-channel pipetting at any time with the Head R 96 Pipetting Head.
- **Reduce Consumables Waste:** Minimize filter tip usage, promoting a sustainable and cost-effective workflow.
- **Cost Efficiency:** Lower consumables costs and reduce service costs by decreasing piston movement of the pipetting head.
- **Modular Run Time:** Adapt run times based on the number of samples and urgency, optimizing your workflow.
- **Full Walk-Away Automation:** Maintain the convenience of a fully automated workflow with easy-to-use instruments and intuitive software guidance.

*Exclusively for use with the Head R 96 platform.

Maintain your control of the capabilities offered by these options with the enhanced user experience:

- **User-Friendly Software:** Simple software interface guides users to select the appropriate channel pipetting with minimal risk of human error.
- **Rapid Setup:** Quick configuration changes allow users to decide the best pipetting method immediately after a run based on sample quantity and urgency.

Flex Package Configuration:

- **Components:**
 - 96-Head 8-Channel Adapter
 - 40 mm Height Adapter
 - Waste box
 - 37 mm Support x 2

Introducing the UV-Decontamination Unit for SureTest Automation

A standalone accessory unit, the UV-Decontamination Unit can be added to the system at any time to sterilize all surfaces (decks) in the instrument using UV radiation, whether you are using the Head R 96 or the CHOICE Head configuration.

With this new option:

- **Always in control:** Choose between manual or automated decontamination programs based on your operational needs
- **Compact:** 620 x 100 x 350 mm fits snugly on the CyBio Felix Instrument



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 at thermofisher.com/molecular-microbiology-software	A66373
Laptop	Laptop 3551 W10IOT19 RC	A49006
SureTect Automation Starter Pack	Automation Starter Pack:	A59905
	• Automation Lysis Tray	A59019
	• Automation PCR Adapter	A59018
	• Thermo Scientific™ 96-Well PCR Base	A55330
	• QuantStudio™ 5 Strip Plate Tray	A55332
	• Thermo Scientific™ PCR Strip Cutting Tool	A55329
	• Thermo Scientific™ PCR Capping Tool	A55327
SureTect Automation Flex Package*	• 96-Head 8-Channel Adapter	A49008
	• 40 mm Height Adapter	
	• Waste Box	
	• 37 mm Support x 2	
Filter Tips	Filter Tips for SureTect Automation 96 (12 boxes of 96 filter tips)	A66298
	Filter Tips for SureTect Automation 8/96 (10 boxes of 96 filter tips)	A59033
UV-Decontamination Unit*	Standalone UV unit for SureTect Automation	A49009
Sample Enrichment Tubes	4800 samples	A59902
Enrichment Tubes Caps	4800 samples	A59903
Waste Bags	Waste Bags for SureTect Automation (50 bags)	A59034
Protective Plate	Protective plates for SureTect Automation (50 plates)	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

*Optional Accessory

Thermo Scientific™ SureTect™ PCR Assays

Item	Order code
SureTect Brettanomyces spp. and Saccharomyces cerevisiae Multiplex PCR Assay	A59289
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 Escherichia coli STEC Identification PCR Assay	A56840
SureTect Listeria monocytogenes PCR Assay	A56843
SureTect Listeria species PCR Assay	A56842
SureTect Salmonella Infantis PCR Assay	A56450
SureTect Salmonella species PCR Assay	A56841
SureTect Salmonella species, Typhimurium and Enteritidis Multiplex PCR Assay	A56846
SureTect Staphylococcus aureus PCR Assay	A56839
SureTect Vibrio cholerae, V. parahaemolyticus and V. vulnificus PCR Assay	A56837

 Learn more at thermofisher.com/suretect