

Thermo Scientific
Automated Workflow Solution



Where microbiology meets automation


Bringing together the experts in prepared media
and automated specimen processing

Thermo
SCIENTIFIC



Helping you build a more efficient microbiology laboratory

Introducing the **Thermo Scientific™ Automated Workflow Solution**—a combination of our trusted line of microbiology products with the COPAN WASP® instrument. Now you can automate all aspects of specimen processing utilizing the joint knowledge of the industry's microbiology and automation experts.



Thermo Scientific products are optimized for automation so that you can get the most out of your system. With fully automated specimen processing, valuable resources can be redeployed to ensure optimal lab productivity. Remove the barriers to acquisition by choosing from a variety of flexible financing options and maximize your lab's throughput.

Two leaders. One goal. Superior efficiency.

Premium performance

Thermo Scientific Remel Prepared Media

Manufactured in state-of-the-art facilities and supported by a team of microbiology experts, Thermo Scientific™ Remel™ prepared media is the choice of laboratories around the world. With more than 1,700 formats and formulations designed to deliver optimal recovery, you can rest assured knowing that your automated specimen processing is working with products of the highest quality and consistency.

- Extensive prepared media portfolio, available in a variety of formats, for greater convenience and flexibility
- ISO-certified and manufactured following FDA guidelines to meet the most stringent quality standards
- Custom media formulations available to meet your needs

Driving productivity

COPAN WASP Walk-Away Specimen Processor

From planting and streaking to Gram slide prep and enrichment broth inoculation, WASP is the only instrument that addresses all aspects of microbiology specimen processing with standardized automation for consistent quality. Choose from a variety of customizable options, and build the system that meets your unique needs. And, with a throughput capacity that matches two or three full-time equivalents, you can redeploy skilled personnel to technical tasks, for optimized productivity.

Experience the difference

- Up to 378 plate capacity increases walk-away time
- Nine silo carousel enables multimedia culture setups
- Dynamic pick and place robotics mimic workflow routinely performed by lab technicians and prevents cross contamination
- Continuous and random loading eliminates the need for batching
- Universal decapper and reusable metal loops are compatible with multiple microbiology specimen types and containers
- Specimen verification system ensures quality
- Smart Scan Technology reduces errors and streamlines traceability

Customize to maximize

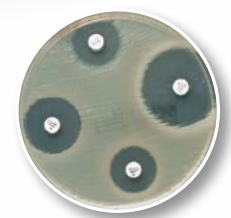
- Dual Streaker simultaneously streaks both sides of a bi-plate for higher throughput and faster ROI
- Automatic Loop and Tool Change Station allows for flexible plate inoculation, reducing operator hands-on time
- Sort-Out Plate Stacker automatically sorts plates in up to four categories to increase efficiency
- Gram SlidePrep prepares a slide and prints a permanent label to extend walk-away time
- Warehouse Carousel can carry up to four types of enrichment broths or disk dispensers to increase operational efficiency
- Urine Turntable facilitates the processing of urine cups



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Manual AST made simple
Improve efficiency with automated susceptibility and identification disk application



Enhanced organism viability & recovery
Proprietary gel-preservation ensures faster recovery with Thermo Scientific™ Culti-Loops™ Quality Control Organisms

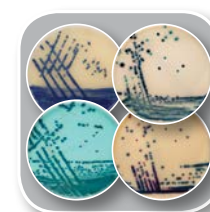
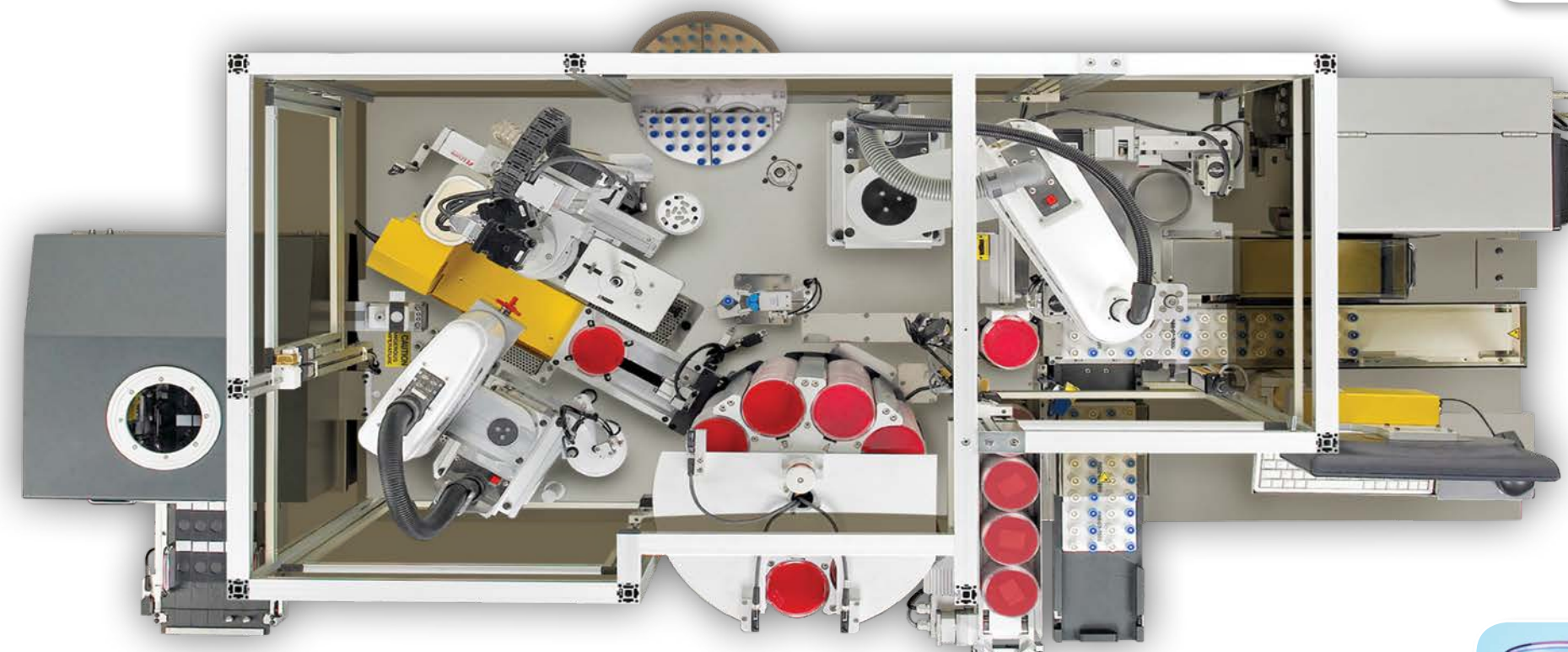


High-quality Gram stains
The Gram SlidePrep ensures traceable, consistent and quality slide preparation with permanent inkjet labeling

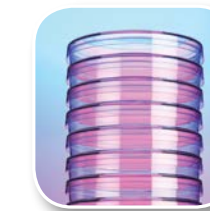


Collection & transport for all sample types
Continuous feeding and automatic opening and closing of specimen containers of any size eliminate the need for batching. Combine with leading collection technology for a streamlined workflow:

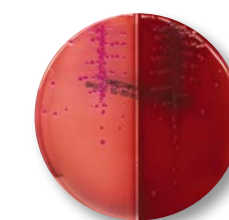
- ESwab™: Innovative liquid-based transport system supports sample viability for up to 48 hours
- Fecal Transport: Features industry standard color-coded caps for added convenience and safety
- Sterile Urine Containers: Leak-resistant containers offer superior safety and handling
- SnotBuster™: Sputum liquefying solution for easier, more consistent and reproducible specimen planting and streaking



Cost-effective screening
Prevent hospital-acquired infections with automated setup of Thermo Scientific™ Remel Spectra™ chromogenic media for active surveillance. The WASP's multi-media carousel can process various culture setups using up to nine different types of media.



Effortless stackability
Plated media optimized for automation ensures seamless sorting and stacking with the Sort-Out Plate Stacker—reducing operator intervention



More information from a single plate
For high-throughput and faster return on investment, choose Thermo Scientific Remel bi-plates—the WASP can process up to 378 total plates

Proven performance

Cat. No.	Product Description	
WASP® instrument		
R5086000	Dimensions	43.5 inches wide x 81.5 inches long x 76 inches high (111 cm wide x 207 cm long x 193 cm high)
	Weight	Approximately 1,300 LBS (590 kg)
	Peripherals	Touch screen monitor, external barcode reader, label printer
	Input Voltage	220V, 20A
	Network Ethernet	100 MB
	Interface	LIS interface available upon request
	Certifications	CE, UL, CSA
	Electrical Receptacle Plug	HBL2321 250V, 20A (for USA and Canada)
Gram SlidePrep™		
R5086006	Dimensions	28 inches wide x 23 inches long x 49.5 inches high (71 cm wide x 58 cm long x 125 cm high)
	Weight	Approximately 221 LBS (100 kg)

To learn more about automated specimen processing using the WASP instrument and Remel media, contact your local representative at **800-255-6730** or microbiology@thermofisher.com.

Available through Thermo Fisher Scientific in the US only.

thermoscientific.com/WASP

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