

Thermo Scientific Immunohistochemistry Research Instrumentation

- Autostainer 360 Immunostainer
- Autostainer 480S Immunostainer
- Autostainer 720 Immunostainer
- PT Module Antigen Retrieval Device

**Affordable Automation
without limitation**

Thermo
SCIENTIFIC

Autostainer 480S



Thermo Scientific IHC Automation – The Industry Standard for Research Automation

Whether you perform IHC by hand or you need increased capacity or reliability with your existing platform, a Thermo Scientific IHC Automation System is the ideal choice for your laboratory

Laboratories That Perform IHC by Hand

Improve consistency while significantly reducing labor costs

- Automate nearly any manual IHC procedure with a flexible and open system. Even procedures that involve fridge incubation can be converted to a same-day processes
- Improve consistency via precise automation control
- Saves hours of labor time by automating the full IHC process

IHC Laboratories That Need Increased Reliability or Capacity

Expand capacity, reduce errors decrease down time

- Increase capacity with up to 84 IHC slides stained per run or multiple units connected to a single computer
- Reduce errors and turn around time with an open dual barcoded system (reagents and slides)
- Improve reproducibility and streamline antigen retrieval with the Thermo Scientific PT Module antigen retrieval device
- Decrease down time with industry leading reliability

Thermo Scientific Immunohistochemistry Research Automation

Flexible, reliable and affordable instrumentation with high quality results

Open System Flexibility

- Investigator remains in complete control of testing protocol
- Utilize reagents from any source with no penalties
- Open system can be configured to automate most manual IHC procedures
- Technical phone assistance for optimizing your ideal testing parameters

Reliability

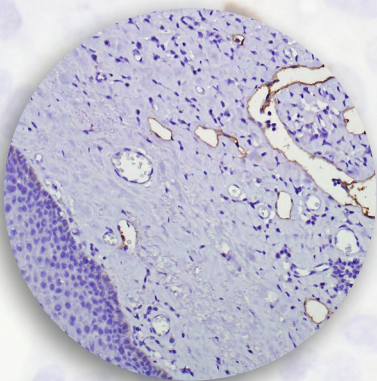
- Proven track record of reliability with over 6,000 Autostainers manufactured
- Robust yet simple design decreases service requirements and improves longevity
- Peace of mind with factory trained service directly from the instrument manufacturer

Affordable Automation

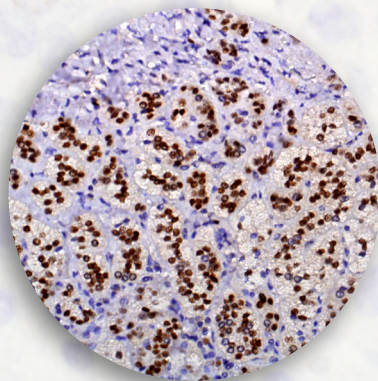
- Value of purchasing directly from the manufacturer
- Flexible acquisition programs – Options for leasing, reagent acquisition programs and more

High Quality Results

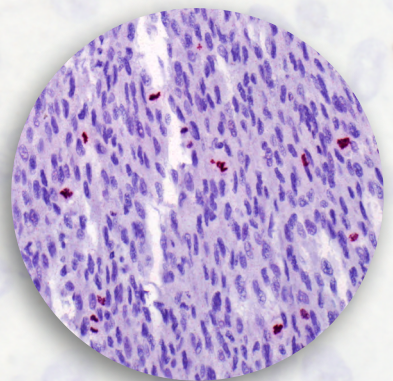
- User driven dual-barcoding reduces errors and simplifies quality control
- Precise antigen retrieval with the PT Module antigen retrieval device ensures consistent results with optimal morphology
- Digital and printable reports to keep track of daily runs and QC



FFPE Human Tonsil stained D2-40
Antibody (MS-1940, clone D2-40)



FFPE Human Adrenal gland stained SF-1
Antibody (MS-1946, clone 1665)



FFPE Human Melanoma stained pHH3
Antibody (RB-9425)

Thermo Scientific™ Autostainer 360 System

Slide Capacity: Up to 36 slides per run

Reagent Vial Capacity: Up to 40 reagent vials



360

480S



Thermo Scientific™ Autostainer 480S System

Slide Capacity: Up to 48 slides per run

Reagent Vial Capacity: Up to 49 reagent vials

720

Thermo Scientific™ Autostainer 720 System

Slide Capacity: Up to 84 slides per run

Reagent Vial Capacity: Up to 40 reagent vials



Multiple configurations of the Thermo Scientific IHC systems are available. When staining formalin fixed tissue the Autostainer and PT Module packages are ideal. For staining samples that do not require antigen retrieval the Autostainer instruments may be ordered individually. Multiple instrument configurations using a single computer are also available. All reports can be stored electronically in PDF format or printed as the need requires.

* Run time can vary by protocol.



Simple one step rack transfer from the PT Module antigen retrieval device to the Autostainer saves operating costs and improves turn around time.

Consistent Antigen Retrieval

Using gentle heat the PT Module antigen retrieval device quickly produces outstanding results while maintaining the integrity of delicate tissue. In addition most users can streamline testing practices by consolidating various antigen retrieval methods into only 1 or 2 PT Module antigen retrieval device procedures which can be run simultaneously. Precise temperature control without the damaging effects of temperature variations, microwaves, or pressure delivers a level of consistency unmatched by any other instrument available.

Faster IHC Results

Dewax and HIER buffers completely eliminate the manual deparaffinization and rehydration steps prior to immunohistochemistry, reducing manual interaction steps and improving turn around time.

IHC with Solvent Deparaffinization

1. Section
2. Bake
3. Place slides in rack
4. Deparaffinize in a solvent
5. Alcohol Rehydration
6. Distilled water
7. Transfer wet slides to another rack
8. Epitope Retrieval
9. Stain
10. Dehydrate and Coverslip

Save up to 30 minutes per staining run

Automated Pretreatment with Dewax and HIER Buffers

1. Section
2. Bake
3. Place slides in rack
4. Dewax and HIER
5. Stain
6. Dehydrate and Coverslip



Thermo Scientific Immunohistochemistry Instrument Specifications

Autostainer 360

Product Description	Items Included	Specifications	Part Number
Autostainer 360	Autostainer 360, UPS (110V only), Report Printer, 2x Label Printers, Computer Pkg	Max. Capacity - 36 Slides 40 reagent vials Instrument Dimensions (not including computer) - 30.0" W x 26.4" D x 22.8" H / 76cm W x 67cm D x 58cm H Weight - 121lbs, 55kg	A80500004A - 110V A80500003 - 240V
Autostainer 360 + PT Module	Autostainer, UPS (110V only), Report Printer, 2x Label Printers, Computer Pkg, PT Module		A80500024 - 110V A80500023 - 240V

Autostainer 480S

Product Description	Items Included	Specifications	Part Number
Autostainer 480S	Autostainer 480S, UPS (110V only), Report Printer, 2x Label Printers, Computer Pkg	Max. Capacity - 48 Slides 40 reagent vials Instrument Dimensions (not including computer) - 36" W x 26.4" D x 22.8" H / 91cm W x 67cm D x 58cm H Weight - 143lbs, 65kg	A80500008A - 110V A80500007 - 240V
Autostainer 480S + PT Module	Autostainer, UPS (110V only), Report Printer, 2x Label Printers, Computer Pkg, PT Module		A80500028 - 110V A80500027 - 240V

Autostainer 720

Product Description	Items Included	Specifications	Part Number
Autostainer 720	Autostainer, UPS (110V only), Report Printer, 2x Label Printers, Computer Pkg, PT Module	Max. Capacity - 84 Slides 40 reagent vials Dimensions Instrument (not including computer) - 50.4" W x 26.4" D x 22.8" H / 128cm W x 67cm D x 58cm Weight - 176lbs, 80kg	A805000010A - 110V A805000009 - 240V
Autostainer 720 + PT Module	Autostainer, UPS (110V only), Report Printer, 2x Label Printers, Computer Pkg, PT Module		A80500031 - 110V A80500029 - 240V
Autostainer 720 + 2X PT Module	Autostainer, UPS (110V only), Report Printer, 2x Label Printers, Computer Pkg, 2x PT Modules		A80500030 - 110V

PT Module

Product Description	Items Included	Specifications	Part Number
PT Module	PTModule - PTModule Unit Slide Tanks - Two stainless steel tanks and lids Pump - Diaphragm buffer pump Manual - Electronic manual on CD	Max. Capacity - 48 slides w/ Autostainer racks (24 per well) 240 slides w/ standard slide racks (120 per well) Dimensions Instrument - 10.6" W, 26.6" D, 10.3" H / 27cm W, 65cm D, 26 cm H Weight (Empty) - 33lbs, 15kg Electrical Specifications - 110/120 VAC, 50/60hz, 10a max 220/240 VAC. 50hz 5a max	A80400012 - 110V A80400011 - 240V

Accessories and Parts

Product Description	Items Included	Part Number
2D Vial Storage Tray	Stackable Tray for 40 Barcoded Vials	S00140
Barcode Vials	12ml Vials for 2D Barcoding	K00029
15ml LV-1 Vial	15ml Clear Cylindrical Vial for LV-1	S20002
Slide Labels (Flap)	Solvent Resistant Slide Labels with Clear Flap	A80510135
Slide Labels	Solvent Resistant Slide Labels with No Flap	A80510081
Reagent Labels	Reagent Labels 2D Barcoded Vials	A80510134
Carboy Kit	Includes 4 ten-liter carboys	A80510082
Autostainer Reagent Tray	Reagent Tray with Wash Station for Use with Autostainer 360/480S/720	A80510140

www.thermoscientific.com/pathology

© 2015 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries.

Anatomical Pathology

4481 Campus Drive
Kalamazoo, MI 49008
UNITED STATES

+1 (800) 522-7270

Tudor Road, Manor Park
Runcorn, WA7 1TA
UNITED KINGDOM

+44 (0) 800 018 9396
+44 (0) 1928 534 000

Thermo
SCIENTIFIC

A Thermo Fisher Scientific Brand