



Thermo Scientific Excelsior AS
Tissue Processor



Innovation in tissue processing unmatched tissue quality

- Enhanced tissue quality
- Unmatched user safety and ease of use
- Intelligent reagent management for lowest cost of ownership

Increase productivity

... reduce reagent costs

The Thermo Scientific™ Excelsior AS™ Tissue Processor provides exceptional tissue quality with minimal user interaction. You get the superb tissue quality and proven reliability you expect, plus a safer, more efficient working environment.

Enhanced tissue quality

- Cassette baskets are gently rotated inside the circular chamber, providing more effective agitation than an impeller
- Reagents can be pre-heated to up to 35°C, minimizing tissue shock and facilitating reagent penetration

Significant reagent cost savings

- Alcohol quality measurement enables you to extend your reagent life and provides significant cost savings
- Automatic reagent rotation further extends reagent life using a proven system

Streamline workflow and increase productivity

- Reduce maintenance time by replacing one bottle of each reagent rather than all of them
- New reagents are drawn directly into the processor from your supplier's bottles—no pouring—no mess—no fumes
- Run rapid biopsies during the day and conventional programs overnight
- Compatible with IPA xylene-free processes as well as conventional reagents



- 1 Touch-screen user interface and intelligent, intuitive software
- 2 Downdraft ventilation minimizes user exposure to harmful vapors
- 3 Reaction chamber with three fill levels allows reduced processing times

Guards your tissue

... protects your staff



Safe for the tissue—safe for the operator

- When the chamber is opened, a fan pulls fumes through a filter to protect users from formaldehyde exposure
- Fumes from the cabinet are also extracted through filters to protect users from alcohol, xylene, and formaldehyde
- Remove waste paraffin by simply discarding a plastic tray—no paraffin spillage and burns
- Power outages are no longer a concern - Excelsior keeps your tissue safe with battery backup

So simple to learn and operate

- The all-new touch-screen interface is intuitive and easy to learn
- With intelligent software, it's easier to avoid mistakes that affect tissue quality

Engineered for reliability and peace of mind

- The Excelsior AS tissue processor reflects engineering enhancements based on more than 10 years of service history

- 4 Additional filters provide enhanced fume control
- 5 USB connectivity for efficient data management
- 6 Easy access wax tank and unique waste wax discard solution

Enhanced User Safety

With some tissue processors it is hard to avoid formaldehyde fumes. With Excelsior AS, a downdraft fan starts automatically, drawing the fumes away from the user and through a filter that neutralizes the formaldehyde.



State of the art technology ... streamline your workflow



Infomatics to integrate the laboratory and simplify reporting

- A full range of reports is available for routine logging, quality assessment, statutory reporting and trouble shooting
- Reports are easily downloaded via a USB drive
- Messages can be sent automatically to the laboratory information system
- Remote alarms ensure that any problems are immediately addressed
- Thermo Scientific™ NetMon™ II monitoring system allows remote diagnostics over a HIPPA compliant, secure internet connection for immediate identification and resolution



Unique no-mess waste paraffin removal

The automatic paraffin rotation system discards waste paraffin into a disposable container for easy disposal and enhanced user safety.

- Paraffin is automatically transferred into the waste container during processing
- Simply remove the container and discard
- Integral lid prevents drips



Continuous alcohol quality monitoring yields up to 75% reagent savings

By measuring the specific gravity of the first alcohol during every run, the Excelsior AS tissue processor keeps track of the quality of reagents and rotates them exactly when required. This doesn't happen too soon, wasting reagents, nor does it happen too late compromising tissue quality. This results in up to 75% saving in reagents compared to traditional systems.



No need to pour harmful reagents

The Excelsior AS tissue processor accepts fresh reagents in your supplier's bottles, eliminating the time and safety issues of pouring into special bottles. Just place the new bottle in the processor and insert the tube.

Thermo Scientific reagents in 5-liter bottles

Thermo Scientific tissue processing reagents are available in 5-liter bottles for added convenience. Just load the bottle to be sure there is sufficient reagent for a full 300-cassette load.





Specifications

| | |
|----------------------------|---|
| Dimensions (D x W x H): | 23 x 28 x 54 in (top to monitor) 580 mm x 710 mm x 1370 mm (to top of monitor) |
| Weight: | 363 lbs., 165 kg (empty) 551 lbs., 250 kg (full) |
| Power Requirements: | 100 Vac - 240 Vac; 50/60 Hz; 1300 VA (max.), 300 VA (typical) |



new

Thermo Scientific Paraffin Kit

Convenient Paraffin Kits include wax disposal tray—simple to order and safe to use.

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Excelsior AS Ordering Information

| Description | Order Number |
|--------------|--------------|
| Excelsior AS | A82300001 |

Excelsior AS Available Accessories

Baskets and Cleaning Supplies

| Description | Quantity | Part Number |
|-------------------------------|---------------------------------|-------------|
| Organized basket | 6 sections: total 222 cassettes | A78410025 |
| High volume organized basket | 6 sections: total 300 cassettes | A82310038 |
| Divider for organized baskets | 1 | A78420158 |
| Random basket | 1 | A78410021 |
| Basket lid | 1 | A78420156 |
| Level sensor cleaning pad | 1 | A78410095 |

External Fume Extraction Adaptor Kits

| Description | Quantity | Part Number |
|---------------------------------------|----------|-------------|
| Downdraft extraction duct adapter kit | 1 | A82310033 |
| Main air system duct adapter kit | 1 | A78410024 |

Filters

| Description | Quantity | Part Number |
|-----------------------|----------|-------------|
| Vapor filter (carbon) | 1 | 9990610 |
| Vapor filter (carbon) | 6 | 7411258 |
| Formaldehyde Filter | 1 | 9990612 |
| Formaldehyde Filter | 6 | B9990612CS |

Reagent Bottles and Paraffin Kits

| Description | Quantity | Part Number |
|--|---------------------------------|-------------|
| 5 liter reagent bottle (empty) | 6 | A78410026 |
| Wax waste container | 5 | 8300 |
| Paraffin w/drawer kit, Histoplast PE | 2 x 2.3 Kg plus waste container | 8330K |
| Paraffin w/drawer kit, Histoplast IM | 2 x 2.3 Kg plus waste container | 8331K |
| Paraffin w/drawer kit, Histoplast LP | 2 x 2.3 Kg plus waste container | 8332K |
| Paraffin w/drawer kit, Type 1 | 2 x 2.3 Kg plus waste container | 8334K |
| Paraffin w/drawer kit, Type 3 | 2 x 2.3 Kg plus waste container | 8335K |
| Paraffin w/drawer kit, Type 6 | 2 x 2.3 Kg plus waste container | 8336K |
| Paraffin w/drawer kit, Type 9 | 2 x 2.3 Kg plus waste container | 8337K |
| Paraffin w/drawer kit, Precision Cut | 2 x 2.3 Kg plus waste container | B1002490K |
| Paraffin w/ drawer kit, Shandon Histoplast | 2 x 2.3 Kg plus waste container | 6774006K |

General

| Description | Quantity | Part Number |
|---------------------|----------|-------------|
| Operator guide | 1 | A82310100 |
| Spatula | 1 | P09046 |
| 1GB USB flash drive | 1 | AP17385 |

For more information on the Thermo Scientific Excelsior AS tissue processor call 1(800) 522-7270 or visit www.thermoscientific.com/pathology.

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