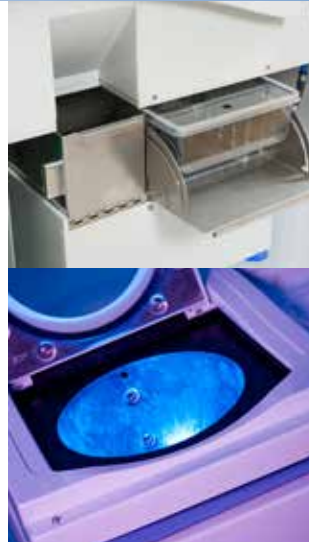


# Thermo Scientific Excelsior AS Tissue Processor

The Thermo Scientific™ Excelsior has become the byword for quality in tissue processing. It couples high cassette capacity and fast processing with an intuitive user interface and a wealth of safety features.

The increasing demand for productivity and efficiency in the laboratory is addressed in full by Excelsior AS tissue processor. The automated reagent monitoring and in-process reagent rotation minimizes downtime and reagent wastage compared to other tissue processors. Netmon remote monitoring makes support services available to the user in real time, and our xylene-free protocols can improve the laboratory environment. The new improved wax handling system further heightens the Excelsior operator experience.

To find out more about the Thermo Scientific Excelsior AS tissue processor please visit our website at [www.thermoscientific.com/pathology](http://www.thermoscientific.com/pathology)



## Reagent rotation and quality monitoring

With the Excelsior AS tissue processor, alcohol quality is directly monitored using specific gravity, and the operator is alerted when replenishment is required. The unique 'in process' rotation of reagents eliminates disruption to your workflow and ensures that unspent reagents are not needlessly discarded nor any reagents overused. This produces significant cost savings as well as saving valuable laboratory staff time. With up to 300 cassettes per processing, the Excelsior AS tissue processor is the true laboratory workhorse.

## Safety is a priority

Patented downdraft ventilation protects the operator when the chamber lid is opened. Furthermore, fan assisted ventilation is automatically activated when the reagent cabinet is opened, giving the operator additional protection. Additionally, as the operator does not need to fill or empty bottles, exposure to harmful fumes is avoided.

## Easier to use, easier to monitor

The sleek new touch screen and intuitive software interface allow easy setup of protocols, and rapid starting via the Daily Operations Mode. Instrument parameters can be remotely operated using Netmon, a system that even allows the operator to check the instrument status from their home. QC information and instrument event logs are readily downloaded using the on-board USB port.

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## Thermo Scientific Excelsior AS Features and Benefits

Features	Benefits
Clear and easy-to-read touch screen interface	At-a-glance visual check of status
Newly developed intuitive control software	Simplifies daily operation
222 cassette capacity (300 in random baskets)	Maximizes sample throughput
Automated in-process reagent rotation	Eliminates manual handling of reagents and extends reagent lifetime
Quality of first reagent alcohol automatically monitored	Reagent alcohol is only changed when necessary
Three distinct fill levels in processing chamber	Shortens processing times
Circular chamber design with continuous agitation	Better reagent circulation and temperature uniformity
Patented downdraft ventilation system	Protects the operator from fumes when the chamber is opened
Potassium permanganate and charcoal filters	Additional operator protection from formalin and solvent vapours
Reaction chamber viewing window	Allows visual verification that samples are immersed
Systematic logging and reporting of quality control data	Historical records of productivity and instrument status are always available
Ten customised programs and five flush options	Maximum flexibility for the widest range of tissue samples
Suitable for xylene-free processing	Reduces staff exposure to harmful chemicals and can improve processing quality
Battery back-up with up to four hours operation	Allows processing to continue even if the power fails
Access code protection	To ensure only the designated staff can change settings or protocols
Remote alarms and LIMS interfacing	Keeps the user and the laboratory updated
<b>Physical and Electrical Specifications</b>	
Dimension (D x W x H)	580mm x 710mm x 1370mm (22.8" x 28" x 54")
Weight	165 kg / 363 lb ( <i>empty</i> ); 250kg / 551lb ( <i>full</i> )
Power supply voltages	100-240 VAC
Frequency	50 / 60 Hz
Power	1300 VA ( <i>Maximum</i> ); 300 VA ( <i>Typical</i> )
Connections	Serial RS232 ( <i>LIMS</i> ); RJ45 ( <i>Netmon</i> )
Certifications	UL; CSA; IVD; Compliant with 21CFR part 11
<b>Ordering Information</b>	
Excelsior AS	A82300001



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## Anatomical Pathology

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

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

4481 Campus Drive  
Kalamazoo, MI 49008  
UNITED STATES

+1 (800) 522-7270

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