

# ESCO®

## LEXICON® ULTRA LOW TEMPERATURE UP-RIGHT FREEZER CASCADE REFRIGERATION SYSTEM: -40°C TO -86°C



*Esco LEXICON® Ultra Low Temperature Up-Right Freezer are design to provide a reliable cooling system to store important samples in an ultra low temperature environment*

*Esco LEXICON® Ultra Low Temperature Up-Right Freezer are made from the world's most reliable components and materials. It uses a high quality Bristol compressors in a unique cascade system with very low pressure and completely sealed cooling system*

*Combining an advance cooling system as well as unique door sealing system, Esco LEXICON® Ultra Low Temperature Up-Right Freezer provide outstanding performance in terms of safety, reliability, accuracy and user-friendly operation.*

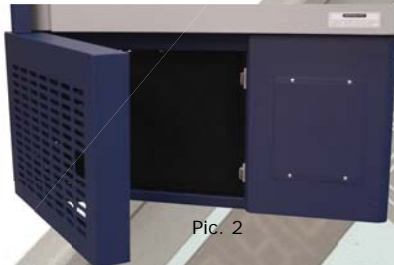
*Esco LEXICON® Ultra Low Temperature Up-Right Freezer uses extremely quiet running fans and compressor system with non CFC refrigerants to generate the lowest noise level.*

### FEATURES

- Durable compressors and hermetically sealed cooling system.
- Insulated inner doors minimized cold air loss (Pic.3).
- Fast cooling down ensured by efficient evaporator with maximum contact with walls.
- 130mm Polyurethane foamed insulation.
- Heavy-duty casters with built in adjustable stands.
- Round corners provide easy cleaning.
- 3 Built-in access ports.
- User-friendly interface and eye level control panel provide easy operation.
- Easy to clean condenser filter (Pic. 2).
- Pressure equalization port allows easy access to cabinet after door closing.
- Low noise level fans and compressors ( $\pm 50$ dB).
- Heated door seals (hot gas) prevents ice to build up.
- Door length handle for easy opening at any height (Pic. 1).



Pic. 1



Pic. 2



Pic. 3

MODEL	ULT-3UX	ULT-4UX	ULT-5UX	ULT-6UX	ULT-7UX
Capacity (Feet <sup>3</sup> /Liters)	9.7/276	13/369	17/484	21.4/605	25.8/730
Ext Dimensions WxDxH mm	920x900x1740	920x900x1979	920x1050x1979	1070x1050x1979	1070x1180x1979
Int Dimensions WxDxH mm	600x480x960	600x480x1280	600x630x1280	750x630x1280	750x760x1280
Insulation	130mm Non CFC, foamed in place Polyurethane				
Electrical	110V,60Hz or 200/230V, 50/60Hz			200/230V, 50/60Hz	
Certification	CE, EM Certified				
Weight	294 Kg	334 Kg	380 Kg	410 Kg	450 Kg
Noise Level	In normal operation and ambient conditions of 20 °C all models $\pm 50$ dB				
Refrigeration	2x1/2 HP			2x1 HP	
2" Cryo Boxes	15 Boxes/Rack		20 Boxes/Rack		25 Boxes/Rack
3" Cryo Boxes	9 Boxes/Rack		12 Boxes/Rack		15 Boxes/Rack
Racks / Freezer	2 Racks Total	16 Racks Total		20 Racks Total	

Esco is a company focused on clean-air and containment technology with a history of quality products since 1978. We are highly oriented towards the international market place with sales in more than 60 countries. A network of international distributors and partners allows us to provide quick and responsive local service and support.



ISO 9001  
REGISTERED FIRM



ISO 14001  
REGISTERED FIRM

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# ESCO®

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