

YDS-47-127 Aluminium Storage Dewar



Scope of Application

Designed to provide excellent thermal conductivity to reduce evaporation loss to extend storage times and reduce liquid nitrogen consumption. Ideal for IVF clinics for the cryopreservation of precious reproductive materials.

Performance

- Storage capacity in excess of 6,000*0.5ml straws
- Excellent evaporation rates 0.36L/day
- Static hold time over 100 days
- Numbered index locations for canisters

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Product Advantages



Narrow Neck design

Excellent thermal conductivity to reduce the evaporation loss of liquid nitrogen to extend storage times.



Lightweight design

Strong and lightweight the YDS-127-47 empty weight is 18.2kg and 54kg full.



Numbered index locations

Numbered location point for canisters makes for easy and quick sample access.



Security & Peace of Mind

5-Year vacuum warranty.
Heavy duty lid lock
Optional Smart Cap for temperature and level monitoring

Storage Capacity

The vessel contains 10 canisters and can store up to 6,714 straws in a double layer (0.5ml) or 10,704 straws (0.25ml).

Options and Accessories

- Roller base
- Cryogenic gloves
- Smart Cap



Specifications

Model		YDS-127-47
Capacity	No. of Canisters	10 single layer (20 double layer)
	No. of Straws Single Layer (0.5ml)	6714
	No. of Straws Double Layer (0.5ml)	10704
Performance	Volume of LN ₂ (L)	47
	Static Evaporation* (L/day)	0.36
	Static Holding Time* (day)	130
Dimensions and Weights	Height (mm)	718
	External Diameter (mm)	508
	Empty Weight (kg)	18.2
	Full Weight	54

* Static evaporation and static holding time are theoretical values. Actual evaporation and holding time are affected by usage, atmospheric conditions and manufacturing tolerances

**Product appearance and specifications are subject to change without notice.