

For Protecting Bull Semen from Adverse Temperature Fluctuations

REDUCE ARTIFICIAL INSEMINATION FAILURE. PROTECT YOUR INVESTMENT.

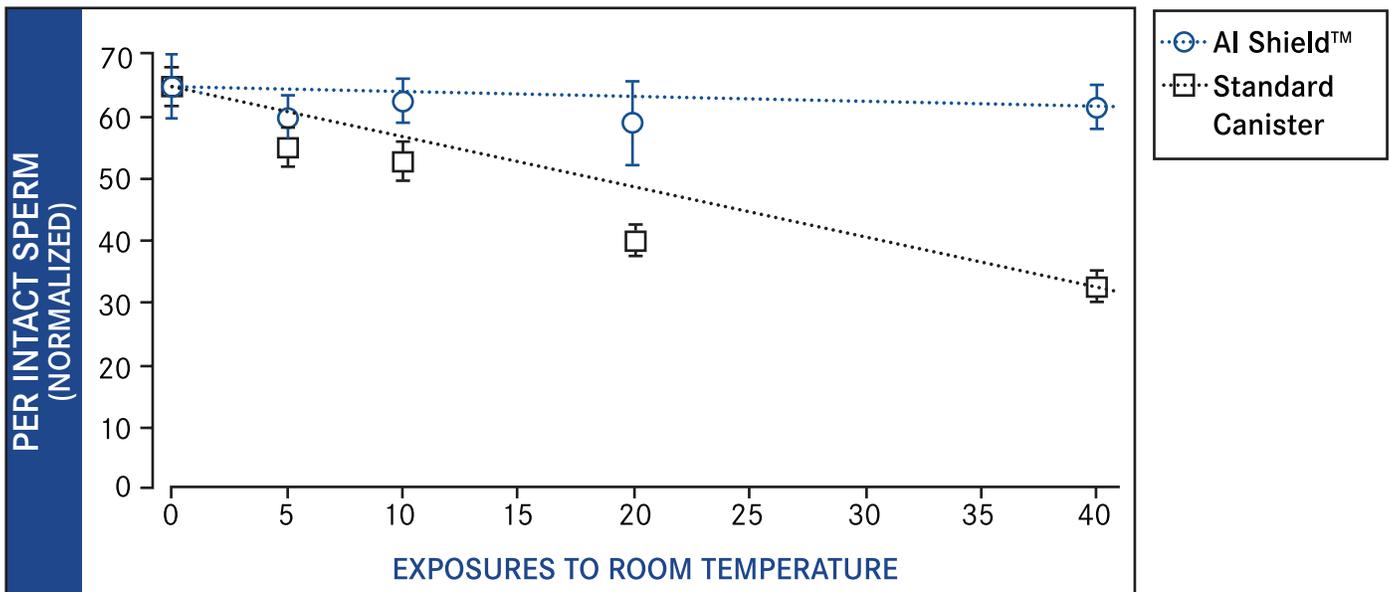
The AI Shield™ provides a new solution for protecting frozen bull semen from adverse temperature fluctuations common in removing the canister from traditional cryogenic refrigerators.

The innovative thermal protection guards against temperature swings for:

- Improved sample viability
- Higher conception rates
- Increased productivity



AI Shield™ ensures thermal stability to protect viability of semen



AI Shield™

AIS 1.5 AND AIS 3



The AIS 1.5 and AIS 3 artificial insemination refrigerators, with the innovative AI Shield™ canister, provide longer hold times for extended-term storage at cryogenic temperatures, with the durability and performance needed under the most rugged conditions to protect your samples.

- Rugged – Lightweight ribbed aluminum exterior construction.
- Reliable – Designed and constructed to stringent specifications and the highest quality requirements.
- Secure – Innovative new canister protects from adverse temperature fluctuations when retrieving bull semen specimens. temperature swings for:
 - Improved sample viability
 - Higher conception rates
 - Increased productivity

SPECIFICATIONS	AIS 3	AIS 1.5
LN ₂ Capacity (L)	3.5	1.5
Static Hold Time (Days)	25	13
Evap. Rate (Liters/Day)	.14	.12
DIMENSIONS		
Neck Dia. (mm)	51	32
Outer Diameter (mm)	220	175
Total Height (mm)	460	375
Cannister O.D. (mm)	39	22
Canister Height (mm)	125	127
Internal Dia. (mm)	14.0	21.0
WEIGHT		
Empty (Kgs)	9	1.8
Full (Kgs)	6	3
CAPACITY		
No. of Canisters	6	3
Straw Holding Capacity Single Level (0.5ml/0.25ml)	564/1272	36/81
Straw Holding Capacity Double Level (0.5ml/0.25ml)	NA	NA



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