

For Protecting Bull Semen from Adverse Temperature Fluctuations

### REDUCE ARTIFICIAL INSEMINATION FAILURE. PROTECT YOUR INVESTMENT.

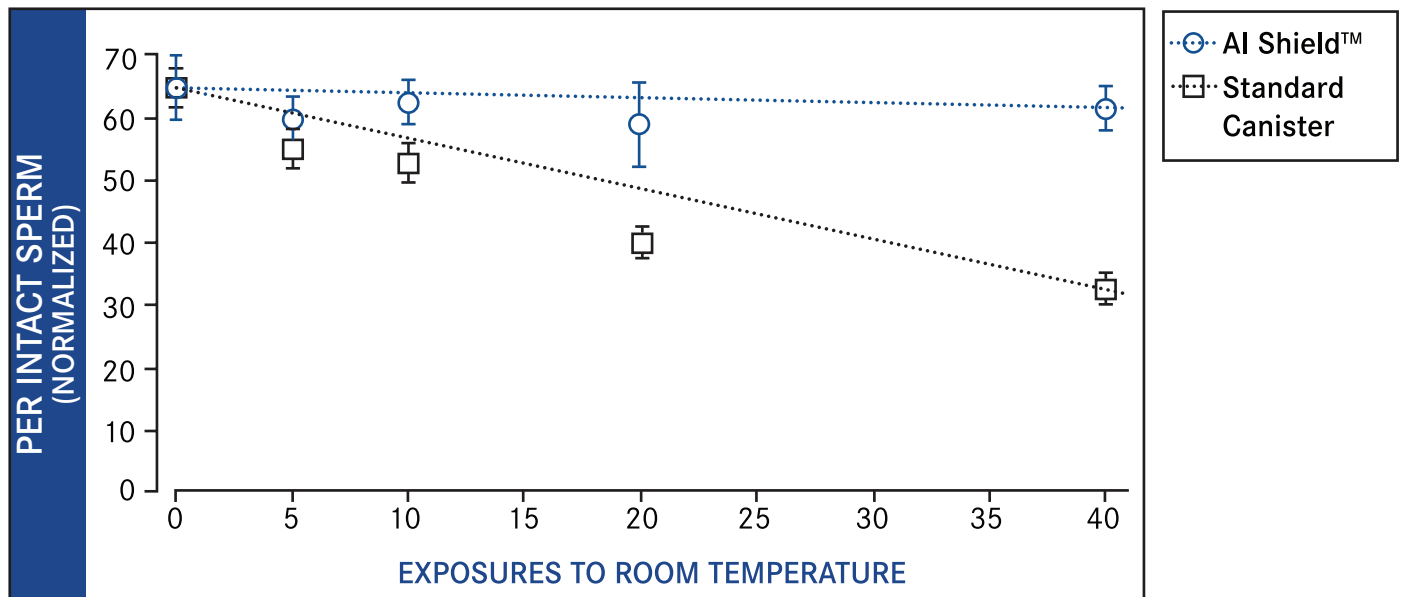
The AI Shield™ provides a new solution for protecting frozen bull semen from adverse temperature fluctuations common in removing the canister from traditional cryogenic small freezers.

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 small freezers, 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 <sub>2</sub> Capacity (L)	3.5	1.5
Static Hold Time (Days)	25	13
Evap. Rate (Liters/Day)	.14	.12
DIMENSIONS		
Neck Dia. (in/mm)	2 / 51	1.26 / 32
Outer Diameter (in/mm)	8.7 / 220	6.9 / 175
Total Height (in/mm)	18.1 / 460	14.8 / 375
Cannister O.D. (in/mm)	1.53 / 39	.87 / 22
Canister Height (in/mm)	4.9 / 125	5 / 127
Internal Dia. (in/mm)	.55 / 14.0	.83 / 21
WEIGHT		
Empty (lb/kg)	19.8 / 9	3.96 / 1.8
Full (lb/kg)	13.2 / 6	6.6 / 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



For more information, visit [www.ICBiomedical.com](http://www.ICBiomedical.com)



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