



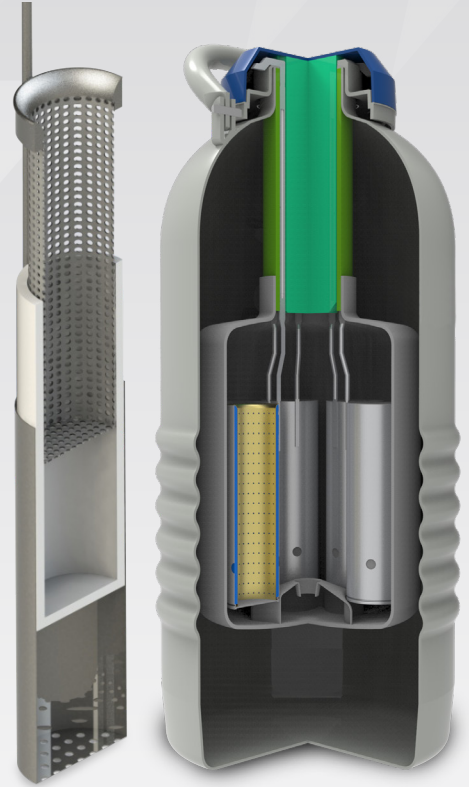
Reduce Artificial Insemination Failure. Protect Your Investment.

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.

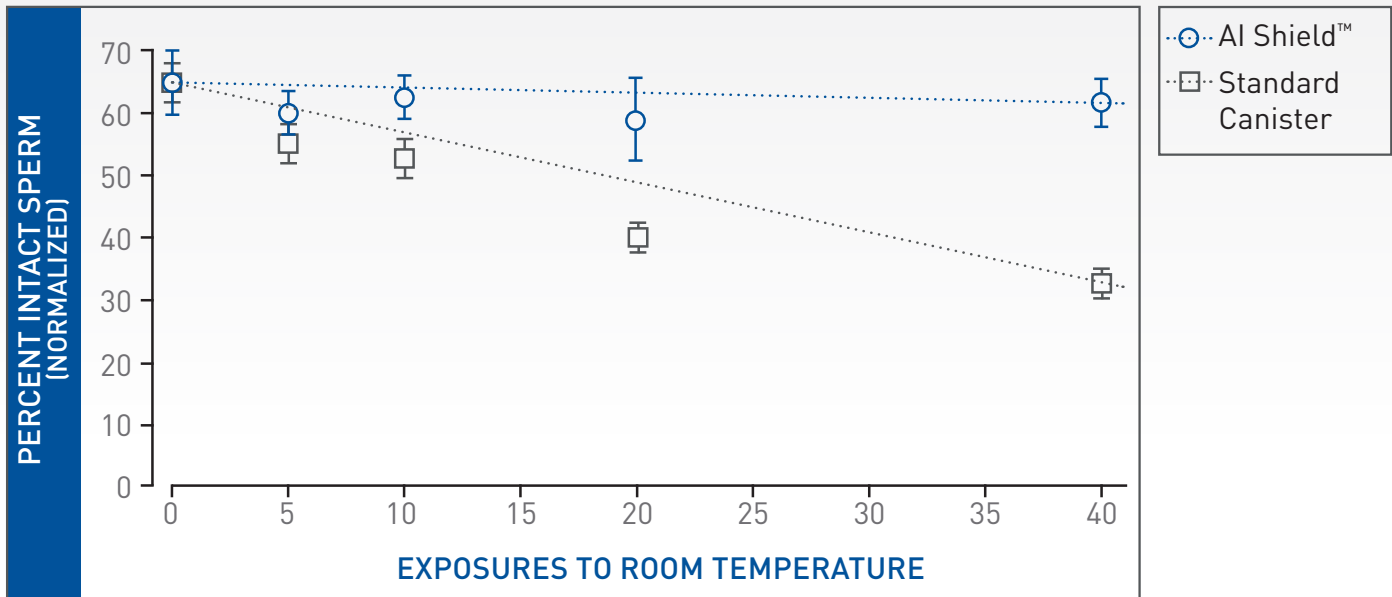
The innovative thermal protection guards against temperature swings for:

- Improved sample viability
- Higher conception rates
- Increased productivity

For more info, visit: WorthingtonIndustries.com/AIShield



AI Shield™ ensures thermal stability to protect viability of semen





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.

For more information, visit WorthingtonIndustries.com/AIShield

MODEL	AIS3	AIS1.5
Capacity (Ltrs.)	3.5	1.5
Empty Weight (Kgs.)	3	1.8
Full Weight (Kgs.)	6	3
Neck Diameter (mm)	51	32
Outer Diameter (mm)	220	175
Total Height (mm)	460	375
Static Evaporation Loss Rate (Ltrs/day)	0.14	0.12
Static Holding Time (Days)	25	13
Canister O.D. (mm)	39	22
Canister Height (mm)	125	127
No. of Canisters (No.)	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

Notes:
 (1) Evaporation rate and static holding time are nominal. Actual rate may be affected by the nature of the contents, atmospheric conditions, container history, and manufacturing tolerances.
 (2) Work time is an arbitrary, reference-only value to estimate container performance under the actual operating conditions.

CONTACT US

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