Two-Door Cool Embryo Cabinet/ Laboratory Refrigerator

Detailed Specification of Two-Door Cool Embryo Cabinet
Model: MSSG1.0ULPSWISSTechnical Specifications

Specification	Details
Standard Size	625 × 830 × 1980 mm
Temperature Range	0? ~ 10?
Power Consumption	450 W
Voltage	220V / 50Hz
Volume Capacity	1050 L
Cooling System	High-efficiency compressor-based cooling
Refrigerant Type	Eco-friendly refrigerant (CFC-Free)
Temperature Control	Digital temperature controller with LCD display
Insulation	High-density polyurethane foam for thermal efficiency

MASTER SCIENCE, Dinkelbergstrasse 14, 4127 Birsfelden, Switzerland
E-mail: support@themsci.com, Website: www.themsci.com

Specification	Details
Shelving System	Adjustable stainless steel shelves
Door Type	Double-door with tempered glass and airtight sealing
Interior Material	Stainless steel for hygiene and durability
Exterior Material	Powder-coated steel for corrosion resistance
Alarm System	Audio-visual alarm for temperature fluctuations
Defrosting System	Automatic frost-free defrosting
Humidity Control	Built-in humidity control to prevent moisture loss
Mobility	Heavy-duty caster wheels with locking mechanism
Safety Features	Over-temperature protection, voltage fluctuation guard
Lighting System	LED interior lighting for clear visibility

Key Features

- Two-Door Design: Ensures optimal storage conditions for embryos while minimizing temperature fluctuations.
- Wide Temperature Range (0? ~ 10?): Suitable for precise cooling requirements for biological and laboratory use.
- High Capacity (1050L): Provides ample storage space for sensitive materials.
- Energy Efficient (450W): Designed for minimal power consumption while maintaining effective cooling performance.
- Stable Voltage Operation (220V/50Hz): Compatible with standard electrical systems.
- Advanced Temperature Control: Digital LCD controller for precise temperature monitoring.
- Eco-Friendly Refrigerant: Uses CFC-free refrigerants for environmental safety.

MASTER SCIENCE, Dinkelbergstrasse 14, 4127 Birsfelden, Switzerland
E-mail: support@themsci.com, Website: www.themsci.com

- Security and Alarm System: Equipped with audio-visual alarms for temperature deviations.
- Durable Construction: Stainless steel interior for hygiene and long-term durability.
- Automatic Defrosting: Prevents ice buildup for consistent cooling performance.

Applications
The MSSG1.0ULPSWISS Two-Door Cool Embryo Cabinet is ideal for various industries requiring precise cooling for biological and laboratory materials, including:

1. Medical & Healthcare

- Storage of embryos and biological specimens in fertility clinics and IVF centers
- Safe preservation of vaccines, blood samples, and medical reagents

1. Pharmaceutical & Biotechnology

- Ideal for pharmaceutical labs requiring controlled temperature chemical storage
- Preservation of temperature-sensitive drugs and chemicals

1. Research & Laboratories

- Used in scientific research institutions for biological sample storage
- Supports microbiology, genetics, and molecular biology labs

1. Agriculture & Animal Husbandry

MASTER SCIENCE, Dinkelbergstrasse 14, 4127 Birsfelden, Switzerland
E-mail: support@themsci.com, Website: www.themsci.com

- Essential for embryo preservation in livestock breeding programs
- Used in agricultural research for genetic conservation

1. University & Educational Institutes

- Supports research and development in life sciences and medical studies
- Enables proper storage of biological materials for academic experiments.

MASTER SCIENCE, Dinkelbergstrasse 14, 4127 Birsfelden, Switzerland
E-mail: support@themsci.com, Website: www.themsci.com