BioStor Systems, Inc.

CLS Storage System

The ***Bio*Stor** system was developed for use in the medical and biotechnological fields where temperatures down to -196°C are used. The result was the construction of a secure and cost-effective deep temperature logistics system. Traditional storage and control systems do not meet the FDA's proposed adoption of the stricter European standards for plasma storage. The CLS system provides secure and stable storage at deep temperatures as well as an automated control and documentation system - minimizing human error. The CLS liquid nitrogen system produces no excessive heat and does not require defrosting. Excess nitrogen maybe used for additional cooling tasks. In addition, a thermal barrier of super cooled air at the level of the access door reduces the impact of ambient room air on the stored products, resulting in stable, low temperature storage conditions.

Technical specifications: CLS -40C and CLS -80C

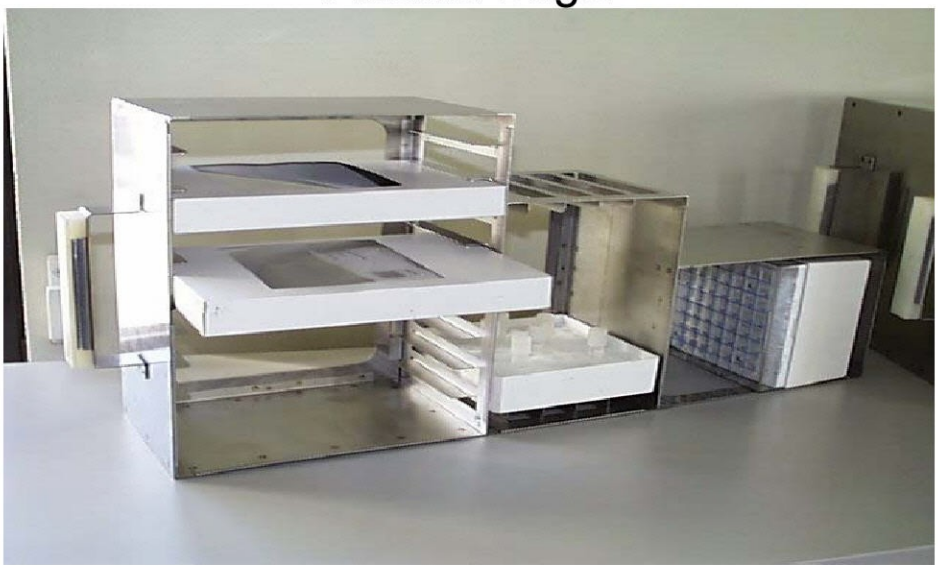
Cooling System:	Single stage Liquid Nitrogen heat exchanger, dry interior storage environment.
Storage System:	Rotational drum system with 110 individual cassettes racks. Computerized inventory and retrieval system.
Capacity:	2400 300 ml plasma bags 11,000 to 12,000 25 ml Pall freezing canisters or equivalent
Size:	79.5" W x 82.7" H x 78.7" D, plus drive motor.
Electrical supply:	110 volts.
LN Consumption:	approx. 55 m3/ day (-40°C)** approx. 85 m3/ day (-80 C)**

Technical specifications: CLS -150C

Cooling System:	Dual stage Liquid Nitrogen heat exchanger, dry interior storage environment.
Storage System:	Rotational drum system with 110 individual cassettes racks. Computerized inventory and retrieval system.
Capacity:	2400 300 ml plasma bags 11,000 to 12,000 25 ml Pall freezing canisters or equivalent
Size:	99.2" W x 102" H x 94.5" D, plus drive
Electrical supply:	110 volts.
LN Consumption:	approx. 200 m3/ day (-150°C)**

****LN consumption varies directly on LN storage and delivery configuration.**

Standard Cassette used in the CLS System for Storage of Plasma Bags:



The standard cassette (pictured above) can be reconfigured to store a variety of different materials and storage vessels.

For more information, contact:

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