

INTRINSICALLY SAFE REFRIGERATOR (+2°C to +10°C)

LABEC manufactures an **Intrinsically Safe Refrigerator** which provides a chamber for safe storage of volatile material. The interior of the chambers are spark free and can be controlled within the temperature range of +2°C to +10°C.

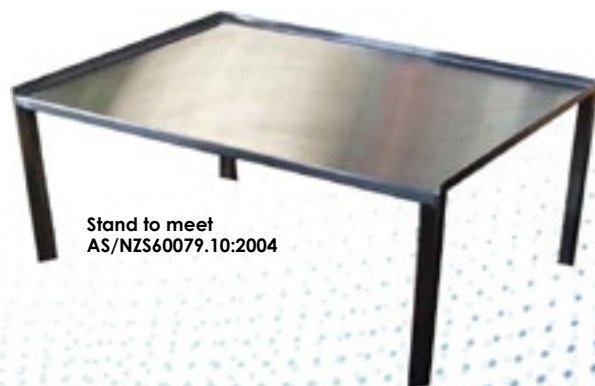
NOTE: Only the interior of the chamber is intrinsically safe.

A moulded plastic liner makes cleaning easy after spillage. The control system is located on the top and controls temperatures with a sensitive temperature sensor. An alarm indicates if the temperature varies from the set point temperature.

For hazardous areas zoning, Zone 2 classification requires a fridge or freezer to be located 300mm above floor level. (AS/NZ60079.10:2004.) A stand is available for the intrinsically safe chambers to raise the units 300mm to meet these requirements.

A hermetically sealed refrigeration system utilizing CFC-Free refrigerant provides controlled temperature conditions with all models using a digital temperature controller with Hi/Lo temperature memory. Power requirements for all models are 10AMP/240Volts and 50Hz power supply.

Options Available - voltage fluctuation protection, additional shelving, lockable doors BMS monitoring.



Stand to meet
AS/NZS60079.10:2004

OTHER STANDARD FEATURES INCLUDE:

- RCD/ ELB (earth leakage breaker)
- Magnetic self closing door
- Adjustable/removable shelving

Serving the Scientific, Medical and Research industries since 1945

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SPECIFICATIONS**INTRINSICALLY SAFE REFRIGERATOR
(+2°C to +10°C)**

Model	LISR-130	LISR-240	LISR-300
Capacity (litres)	130	240	300
Int. Dim. (cm) H x W x D	76 x 49 x 47	128 x 45 x 40	150 x 45 x 40
Ext. Dim. (cm) H x W x D	90 x 55 x 57	150 x 55 x 56	193 x 60 x 64
Temp. Controller	Digital Controller		
Temp. Min	2°C		
Temp. Max	10°C		
Temp. Setting Accuracy	+/-0.1°C		
Temp. Fluctuation	+/- 2.0°C		
Temp. Sensor	Sensistive Thermocouple/ Resistor		
Refrigerant	R134a (CFC Free)		
Interior Material	Molded Plastic Liner		
Exterior Material	Powder Coated Steel		
Door Material	Solid Door		
Shelving	3	4	5
Options	Additional Shelving, lockable doors		
Safety Features	Earth Leakage Beaker		
Power Supply	240V/ 10AMPS/ 50Hz		
Power (W) AMPS	400	400	600
Weight (kgs)	24	39	85

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