LN2 storage and transfer system

Application

The system for storage and transportation of liquid nitrogen in the following areas of application: Industrial, laboratories, life sciences, medical, etc.

Features

- Direct liquid nitrogen supply with the decanting valve
- The LN2 System can fit easily under a laboratory bench or workstation
- A hand rail can be easily attached to protect the operating head and make it easier to move the vessel
- Easy to dispense liquid nitrogen
- Double valve option for liquid use

COMPLETE SET

- Dewar vessel (35l, 60l or 100l)
- Pressure gauge
- Pressurizing valve
- Float-type level indicator
- Manometer
- 2 safety valves for 0.5 bar
- Dispensing / liquid use valve
- Venting valve

* Operating head is removable

ACCESSORIES

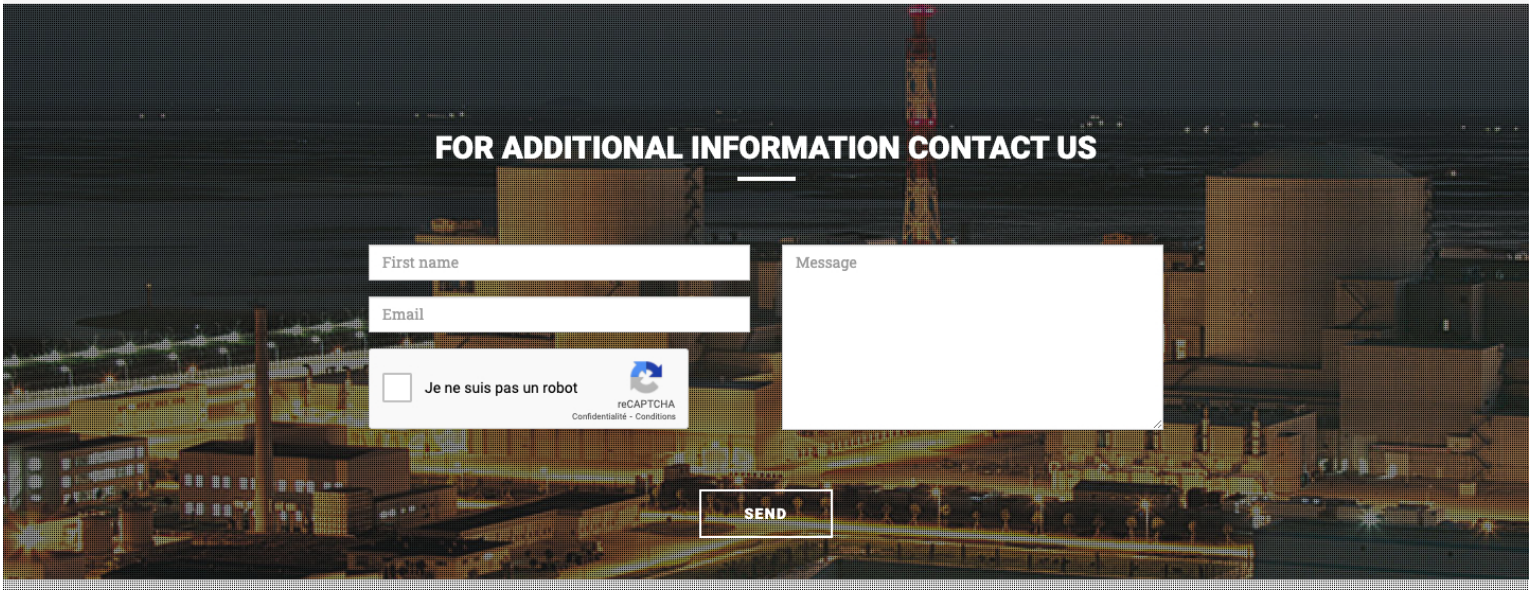
- Roller base (height: 200 mm)
- Non magnetic roller base (height: 205 mm)
- Fixation kit for the roller base (3 parts)
- Hand rail
- Double dispensing valve
- Dispensing system with anti-splash nozzle
- Flexible transfer hose with cane
- Transfer cane with anti-splash nozzle

SPECIFICATION

Parameter	TP35	TP60	TP100
Liquid capacity, l	35	60	98
Diameter of neck, mm	50	50	50
Static holding time, d	47	69	100
Daily evaporation rate, l/d	0,75	0,87	0,98
Weight empty with operating head, kg	19.8	26.4	33.5
Weight full with operating head, kg	48	74.5	113.5
External diameter, mm	468	468	510
Total height with operating head, mm	853	1,080	1,213
Total interior height, mm	580	815	945
Maximum operating pressure in standard bars, bar	0.5	0.5	0.5
Maximum flow rate, l/mn	2.4 (P=0.5b)	3.5 (P=0.5b)	5.2 (P=0.5b)

DESCRIPTION

- Capacity of 35 to 100 litres
- Self-pressurized vessel
- Delivered with or without the operating head
- Static holding time up to 75 days
- 6 year guarantee on the vacuum



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Ramulu str. 3, LV-1005, Riga, Latvia

Tel: +371 67383947