



## MS1-MaxiCryo series

### Low pressure Liquide Nitrogen Cylinders

The stainless steel of the MS1-MaxiCryo series cryogenic Liquide Nitrogen Cylinder containers designed for long term storage and distribution for liquid nitrogen.

The MS1-MaxiCryo series is the latest innovation in high performance cryogenic liquid nitrogen storage for the laboratory with units available from 55 to 550 liters capacity.

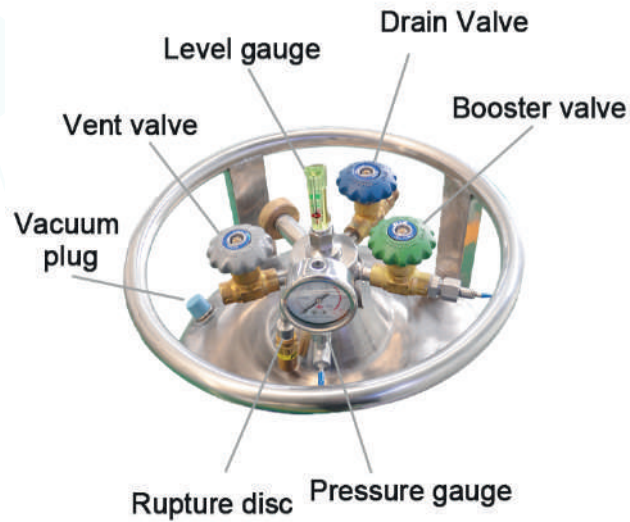
Stainless steel construction provides the durability to safely withstand the harshest working environments while offering lower evaporative losses.

All MS1-MaxiCryo series Liquide Nitrogen cylinders are equipped with a safety dispensing head incorporating fill, vent and dispense valves, safety reliefs, pressure gauge and an integral pressure build vapouriser with automatic pressure regulation. Additionally, all units are equipped with an level gauge.

For mobility, all MS1-MaxiCryo series products are fitted with heavy-duty castor wheels.

The Low pressure Liquide Nitrogen Cylinders of the MS1-MaxiCryo series products are particularly characterized by:

- Automatic pressure building system
- Stainless Steel Construction
- Heavy Duty Castors
- Extended Liquide Nitrogen holding time
- 7 different models from 55 liters to 550 liters
- Superior thermal isolation and vacuum performance



Specification	MS1-MaxiCryo55	MS1-MaxiCryo110	MS1-MaxiCryo185	MS1-MaxiCryo275	MS1-MaxiCryo330	MS1-MaxiCryo440	MS1-MaxiCryo550
Gross capacity, liters	55	110	185	275	330	440	550
Net capacity, liters	50	100	175	250	300	400	500
Weight empty, kg	45	78	100	128	150	240	280
Work pressure, maximum	0.1Mpa	0.1Mpa	0.1Mpa	0.1Mpa	0.1Mpa	0.1Mpa	0.1Mpa
Evaporation rate (%/day)	≤2.2	≤1.4	≤1.2	≤1.1	≤1.1	≤1.1	≤1.0
Liquide withdrawal rate (Lt/min)	≥4	≥6	≥8	≥10	≥10	≥12	≥12
Weight filled, kg	85	158	240	328	390	560	680
Height, mm	1180	1300	1370	1470	1490	1540	1600
Diameter, mm	455	606	706	756	806	908	1008
Castors	4	4	4	4	4	4	4
Auto. pressure building including safety valve	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pressure gauge	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Approval	GB/T16774-2012	GB/T16774-2012	GB/T16774-2012	GB/T16774-2012	GB/T16774-2012	GB/T16774-2012	GB/T16774-2012

