

## STANDARD CRYOGENIC STORAGE TANK

**NST**

### Product Specifications

FLUID	GAS DENSITY (kg/m <sup>3</sup> )	LIQUID DENSITY (kg/ℓ)	B.P (Deg.C.)
OXYGEN	1.429	1.14	-183
NITROGEN	1.251	0.808	-196
ARGON	1.783	1.4	-186
ETHYLENE	1.261	0.569	-103
LNG(CH <sub>4</sub> )	0.707	0.455	-162



- \* Available design pressure is changed according to the customer's use conditions
- \* Production of non-standard products is also available

## STANDARD CRYOGENIC STORAGE TANK SPECIFICATIONS

MODEL	INT. VOL. (L)	CAPACITY(kg)	EVAPORATION LOSS(%/Day N <sub>2</sub> )	DESIGN PRESSURE (MPa G)
NST-5	4,870	LN <sub>2</sub> : 3,541	1	1.0 , 1.76
		LO <sub>2</sub> : 4,997		
		LAr : 6,136		
NST-6.8	6,801	LN <sub>2</sub> : 4,946	0.9	1.0 , 1.76
		LO <sub>2</sub> : 6,978		
		LAr : 8,569		
NST-10	9,660	LN <sub>2</sub> : 7,024	0.7	1.0 , 1.76
		LO <sub>2</sub> : 9,911		
		LAr : 12,171		
NST-15	14,998	LN <sub>2</sub> : 10,907	0.5	1.0 , 1.76
		LO <sub>2</sub> : 15,388		
		LAr : 18,897		
NST-20	19,480	LN <sub>2</sub> : 14,165	0.4	1.0 , 1.76
		LO <sub>2</sub> : 19,986		
		LAr : 24,544		
NST-30	28,848	LN <sub>2</sub> : 20,978	0.4	1.0 , 1.76
		LO <sub>2</sub> : 29,598		
		LAr : 36,348		