



CRYOCAM



The **CryoCam** system consists of three main units:

- ▶ the cryogenic tank, whose function is to store and keep the fluids in a liquid state
- ▶ ARY atmospheric vaporiser to use the cryogenic fluid in a gaseous state
- ▶ a control unit for fluid operation and dispensing

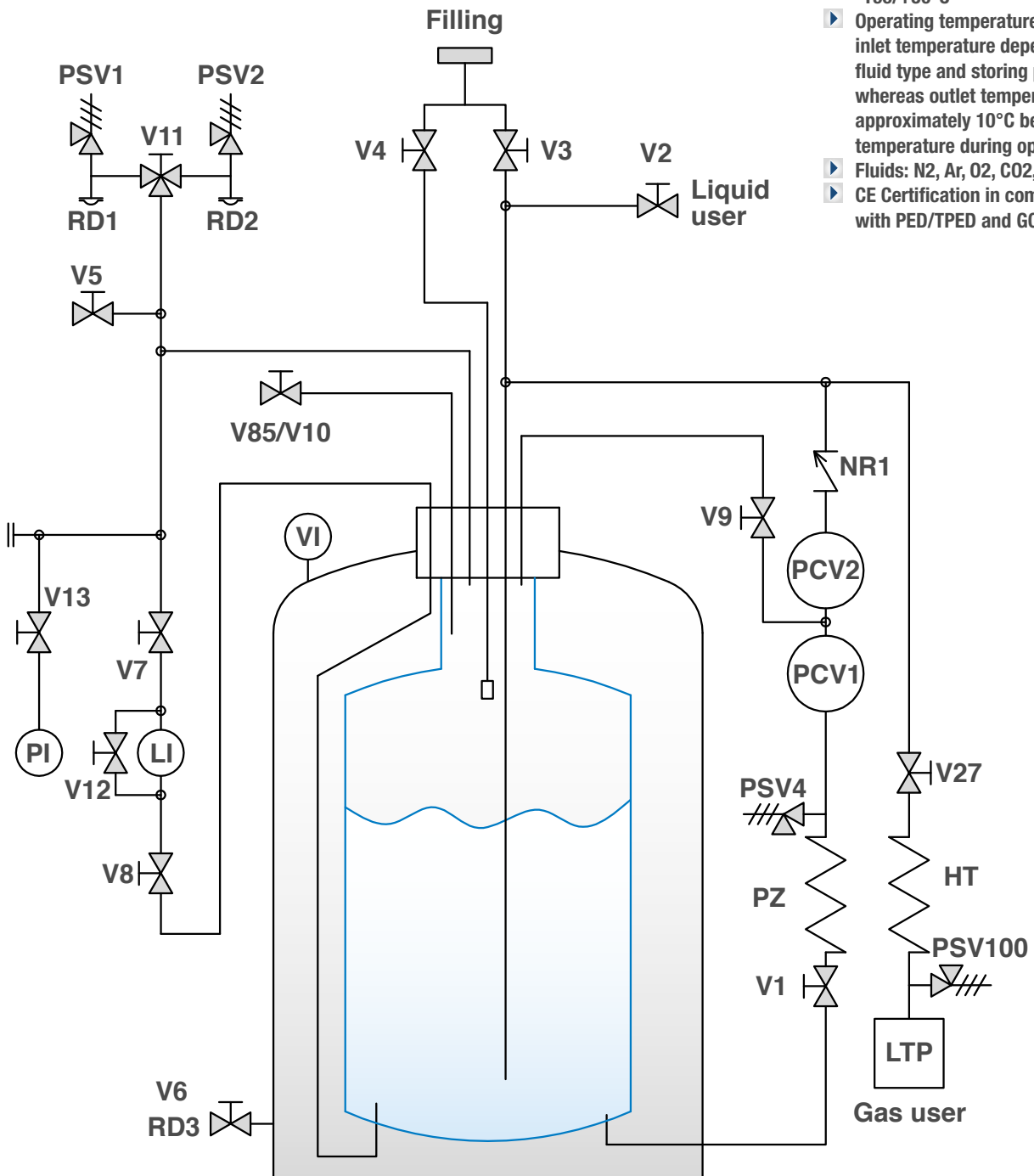
The cryogenic container is a jacketed vessel whose centering supports are designed both as support and to minimize thermal dispersion by conductivity.

The internal tank is lined with a special multi-layer insulation material in order to reduce radiation whereas the high vacuum created in the cavity reduces convection.

MAIN FEATURES

Name	Geometrical capacity [l]	Filling capacity [l]	Approximate dimensions BxLxH [m]	Approximate vaporizer capacity [Nm ³ /h] (*)	Certification	Approximate weight [Kg]
CryoCam 700	700	595	1,6 x 1,4 x 1,8	55	PED	1020
CryoCam 1000	1000	850	1,6 x 1,4 x 2,2	65	PED	1200
CryoCam 1000 T	1010	850	1,6 x 1,4 x 2,2	65	TPED	1200
CryoCam 1500	1500	1275	1,7 x 1,6 x 2,4	80	PED	1500
CryoCam 2000	2000	1700	1,7 x 1,6 x 2,6	90	PED	1700

(*) The evaporator's flow rate may be adjusted to suit different requirements.



- ▶ Design pressure PS: 40/18/8 bar
- ▶ Design temperature TS: -196/+50°C
- ▶ Operating temperature: inlet temperature depends on fluid type and storing pressure, whereas outlet temperature is approximately 10°C below room temperature during operation
- ▶ Fluids: N₂, Ar, O₂, CO₂, N₂O, LNG
- ▶ CE Certification in compliance with PED/TPED and GOST-TR