

TPV SERIES LIQUID NITROGEN / ARGON / OXYGEN CRYOGENIC VESSELS

The TPV Series of self pressurising cryogenic vessels for liquid nitrogen and argon (liquid oxygen on request) are suitable for a host of applications within the industrial, medical, research & cryo-biological fields. Each vessel has been designed to automatically maintain pressure at a pre set level using the integral pressure building circuit.

Features:-

- Stainless steel construction.
- QCG200 contents gauge included
- Colour coded valves
- Dual fill/decant valves for convenience
- Automatic pressure build circuit
- Tricock to prevent over filling
- Standard working pressure 1.5bar (options up to 4.0bar)
- Valve protection ring handle
- Mounted on a square base with high quality castors for greater stability
- Tow bar for safer handling on TPV-120 to TPV-400
- TPED: approved for the transportation of liquid on public highways throughout Europe
- Non European approvals available on request
- PV-2000 approved to PED only

Model	TPV-30	TPV-60	TPV-120	TPV-160	TPV-200	TPV-240	TPV-300	TPV-400	TPV-500
Capacity (ltrs)	30	60	120	160	200	240	300	400	500
Diameter (mm)	410	460	535	640	640	690	690	765	1000
Height (mm)	664	998	1281	1369	1471	1410	1510	1717	1370
Weight empty (kg)	42	60	112	120	151	150	160	196	240
Weight full LN2 (kg)	66	102	187	249	302	344	402	519	644
Max working pressure (bar)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Static evaporation rate (% per day)	3.3	2.0	1.2	1.1	0.9	0.8	0.8	0.7	0.6

Accessories and services:-

Comprehensive range of accessories including decant hoses, phase separators and a wide range of PPE. Please ask for details.

Optional QCG242D contents gauge with voltage output (also available with remote display and GSM connectivity). Ask for our separate data sheet for the full range of contents gauges and level controllers.

Training courses in the safe operation of Wessington Cryogenics products available.

Factory fit accessories/features:-

- Gas use kit to supply a steady stream of low pressure gas at up to 50 gaseous litres per min
- Fork lift base
- Side handles
- Non-magnetic wheels
- Higher working pressures also available on request

See our separate data sheet for a comprehensive range of accessories and personal protection equipment.



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Model	TPV-950	PV-2000
Capacity (ltrs)	950	2000
Diameter (mm)	1058	1310
Base dimensions (mm)	1200 x 1200	1400 x 1400
Height (mm)	2000	2645
Weight empty (kg)	590	1050
Weight full LN2 (kg)	1627	2585
Max working pressure (bar)	4.0	4.0
Static evaporation rate (% per day)	1.2	1.1

