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BioMedical Liquid Nitrogen Container

The Golden Phoenix liquid nitrogen container is manufactured according to the national standard GB/T5458 "Liquid Nitrogen Biological Container." The GP Series is widely used for transportation and storage of the frozen semen, vaccine, cell and micro-organism in the fields of animal husbandry, medicine and scientific research. The tanks are also used in the department of national defense, machinery building, medical treatment, electronics, metallurgy and energy.

Main Features:

- The outer shell and inner vessel are made of aluminum alloy plate featuring lightweight, high-cryogenic strength and corrosion resistance
- The neck tube is made of reinforced glass-fiber featuring high mechanical strength and low heat conductivity
- The multi-layer insulation is composed of aluminum foil with high reflectivity and insulation material with low heat conductivity and low out-gassing to reduce vacuum degradation
- An absorbent with a high absorbing capacity at cryogenic temperature is used to ensure long-term stability and reliable performance of the container
- Five-year vacuum warranty



GP Series

Specifications

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Model	Geometric Volume (L)	Caliber (mm)	Outside Diameter (mm)	Height (mm)	Empty Weight (kg)	Static Hold Time (Day)	Canister		
							Qty	Caliber(OD)	Height
GP-1-30	1	30	180	315	2.0	14	1	26	120
GP-2-30	2	30	224	360	2.9	28	3	19	120
GP-3	3.15	50	224	420	3.4	26	6	38	120
GP-6	6	50	287	435	5.0	52	6	38	120
GP-10	10	50	303	530	6.2	86	6	38	120
GP-10A	10	50	287	605	6.5	97	6	38	276
GP-10-90	10	90	303	538	6.7	44	6	70	120
GP-15	16	50	355	600	8.2	134	6	38	120
GP-20	20	50	409	650	11.2	168	6	38	120/276
GP-30	31.5	50	446	670	12.9	254	6	38	120/276
GP-30-125	31.5	125	446	685	14.2	90	6	97	120/276
GP-35	35.5	50	473	680	13.8	286	6	38	120/276
GP-35-125	35.5	125	473	690	15.1	97	6	97	120/276
GP-47-127	47	127	500	675	19.0	105	6	103	120/276

"A" means the high-efficiency container with added dimensions and longer static hold time.

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