

# CRYOPRESERVATION EQUIPMENT

## DOBLE QWICK

### KEY PRODUCT FEATURES

- Charges in less than two hours
- Liquid and vapour storage options
- Low liquid nitrogen consumption
- Convenient lightweight package



### PRODUCT DESCRIPTION:

The Doble QWick Series utilises an absorbent wicking material that charges with liquid nitrogen in fewer than two hours, providing the capacity for same-day vapour shipping. A unique absorbent layer in the base of the storage tanks enables them to be charged with nitrogen and employed as dry shippers with hold times of up to 30 days. Once at the final destination, the tanks can be filled with liquid and used for long term storage, therefore avoiding the need for return shipments.

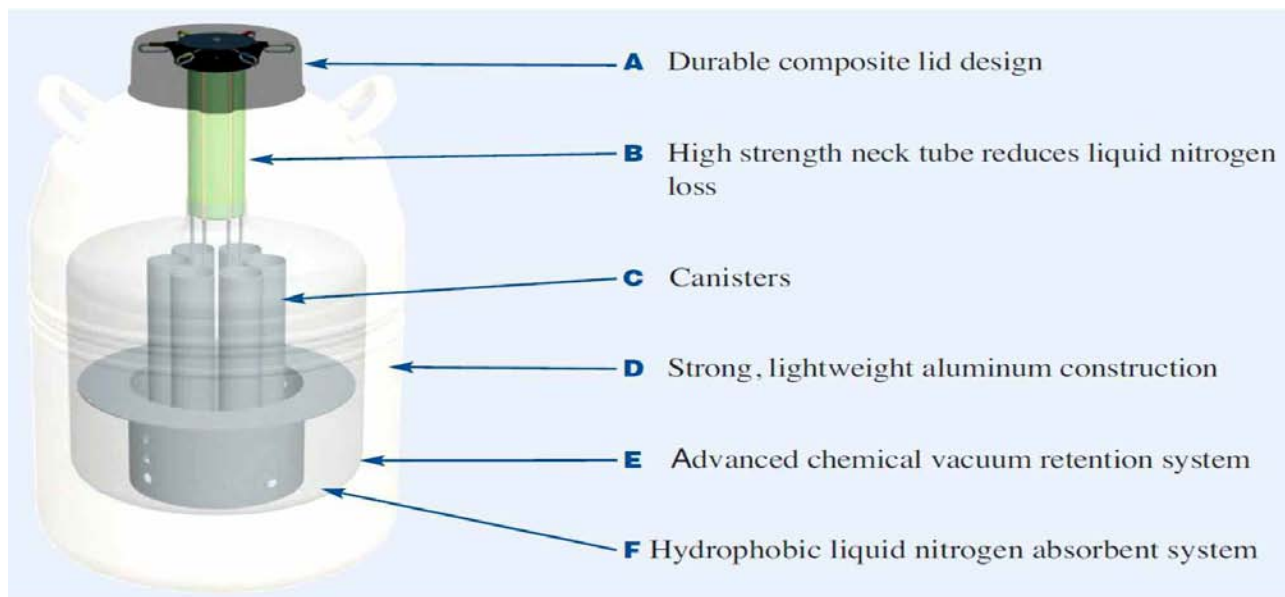
### DETAILED SPECIFICATION

Model Millennium	Doble Qwick 10/660	Doble Qwick 20/660	Doble Qwick 20/2100	Doble Qwick 17/2400	Doble Qwick 14/3500	Doble Qwick 14/4500
<b>MAX STORAGE CAPACITY</b>						
Number of Canisters	6	6	6	6	10	6
No. of 1/2 cc Straws (10/cane)	660	660	2,100	2,400	3,500	4,500
<b>PERFORMANCE</b>						
Liquid Nitrogen Capacity (litres)	10	18.5	32	28	46	46
Vapour Capacity (litres)	3.1	2.8	6.7	8.4	9.6	8.4
Static Evaporation Rate (litres/day)	0.17	0.10	0.20	0.35	0.40	0.40
Normal Working Duration (days for Liquid)	37	116	100	50	72	74
Normal Working Duration (days for Vapour)	10	20	20	17	14	14
<b>UNIT DIMENSIONS</b>						
Neck Opening (mm)	55.4	55.4	89	97	127	127
Overall Height (mm)	549	652	676	559	673	673
Outside Diameter (mm)	260	368	462	462	508	508
Canister Height (mm)	279	279	279	279	279	279
Canister Diameter (mm)	42	42	72	78	72	102
Weight Empty (kg)	7.7	12	18	16	21.8	21.3
Weight Charged Vapour (kg)	10.2	14	22.7	21.3	28.6	28.6
Weight Full (kg)	16	27	43	38	54.5	57

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### ACCESSORIES:



Cryo Gloves



Vapour Insert



Liquid Level  
Measuring Stick



Straws



Roller Base

### OTHER SERVICES AVAILABLE:



- Personal Protective Equipment (PPE) – Glasses, Gloves, Aprons, Face Shields.
- Health and Safety – CryoService can offer a range of services from advice on best practice in the design and storage of equipment using liquid nitrogen to full safety audits and a range of safety training courses (either classroom or internet based, dependent upon the users requirement).
- Free site audits to ensure customer sites have optimised delivery frequencies and appropriate on-site storage capacity in comparison to industry standards.