



EN

LIQUID NITROGEN CONTAINERS

DERMATOLOGY/CRYOTHERAPY

Cryotherapy is a technique which uses extremely low temperatures to destroy abnormal or damaged tissue. The term "cryotherapy" comes from the Greek cryo meaning cold and is mainly used in the field of dermatology and general medicine.

In general medicine/surgery, selective cryotherapy treats proctologic problems while in the field of dermatology it has been a popular technique since the 1970's when it first evolved. Since then, the use of cryotherapy has increased even if there is still plenty to learn. It is used for the treatment of seborrheic keratosis, alopecia areata, or to remove skin blemishes, warts & verrucas, pendular fibromas and dyskeratosis. The treatment involves a controlled but sudden reduction in temperature of the lesion using liquid nitrogen (a colorless & odorless yet safe gas, present in the air we breathe at a concentration of 80%). This reduction in temperature leads to selective destruction of treated lesions, while at the same time saving the healthy skin cells which are more resistant to thermal shocks. The result is a complete but gradual healing of the lesion, caring for the anatomy of the skin and producing excellent cosmetic results. There are various methods of applying liquid nitrogen to the skin including sprays, probes, cotton wool and many others.

In most cases it is not necessary to use a local anesthetic as the pain is only slight. For this reason it is ideal for patients allergic to anesthetic, children and elderly people. Cryotherapy should be carried out by a medical professional in order to avoid scarring.

CRYOFARM offers a wide range of containers holding from 1 Litre to 50 Litres solving storage and transportation problems. Our company distributes cryogenic containers "flasks" suitable for the application of liquid nitrogen with cotton wool.

Containers "flasks"



Cry-Ac



Accessories



> CONTAINERS



TECHNICAL SPECIFICATIONS

> TRANSPORTATION AND STORAGE OF LIQUID NITROGEN

DECANTING/TRASPORTATION

STORAGE



yds 1-30 | yds 2-30 | yds 3-50 | yds 6-50 | yds 10-50 | yds 20-50 | yds 35-50

Capacity		LOW	LOW	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM					
Static Holding Time		LOW	LOW	LOW	LOW	MEDIUM	HIGH	HIGH					
Consumption													
Daily evaporation rate (L/d)		0,11	0,13	0,13	0,19	0,10	0,10	0,113					
Static Holding Time (d)		9	16	16	32	100	200	320					
Working Holding Time		3	6	6	12	60	140	180					
Measurements container													
Capacity (L)		1	2	3	6	10	20	35					
Neck diameter (mm)		30	30	50	50	50	50	50					
Height (mm)		320	365	425	445	530	655	670					
Outer diameter (mm)		180	217	224	287	303	409	473					
Empty weight		2	2,9	3,4	5	6,2	11,4	14,5					
Full weight		2,8	4,6	5,9	9,9	14,3	27,6	43,2					

> CRYOGENIC FLASKS



fs - 1 | fs - 2 | fs - 4 | fssc - 1

Capacity		LOW	LOW	LOW	LOW
Static Holding Time		LOW	LOW	LOW	LOW
Measurements container					
Capacity (L)		1	2	4	1
Diameter (mm)		116	142	245	175
Height (mm)		228	268	335	105

> CRY-AC



Cry-Ac B-700 | Cry-Ac B-800

Static Holding Time (h)		20/24	10/12	
Measurements container				
Capacity (L)		500ml	300ml	
Height (mm)		286	215	
Empty weight		540	490	
Full weight		895	715	

GLOSSARY

Abbreviation - yds refers to litres & neck diameter- e.g. yds 1-30, 1 refers to capacity (L), 30 to neck diameter (mm)

Static Holding Time - Static Holding Time refers to the level of nitrogen inside the container given optimal conditions

Working Holding Time - Working Holding Time refers to the average duration of liquid nitrogen inside the container during working conditions

Checking Holding Time - it is recommended to check the nitrogen level inside the container once a week using a suitable measuring stick

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