

Dilvac Dewar Flasks

Two distinctive ranges of Dilvac Dewar flasks in containers - all utilising the proven borosilicate glass inner vessels. Offered in stove-enamelled steel and hygienic satin finish stainless steel. Capacities of 200cc-10 litres. Designed for safe use and transportation of liquid gases, all Dilvac Dewar flasks are manufactured to exacting standards and represent the highest quality units available today for laboratory use.



The Dewars are designed with practicality and safety in mind. Many of the range of 21 models have features such as vented, clamped lids, carrying handles and rubber-cushioned bases.

Universal Style: With Handle and Lid

Fitted in highest-quality stainless steel containers, therefore rust-free, anti-corrosive, all hygienic and strong. These Dewars have an all stainless steel lid with self-contained insulation. Toggle-clamps secure the lid to the body for safe transportation.



Shallow Form with Wide Mouth

Wide-mouthed shallow glass Dewars, dish-shaped, fitted in stainless steel protective containers. Can be used with magnetic stirrer, designed to accept standard boiling flask up to 2 litres in capacity, for rapid freezing tempering of stirring rods, pestles, etc. The shallow form configuration allows for minimum amount of coolant to be used.



DILVAC glass Dewars and Specials

Skilfully made in borosilicate glass, DILVAC Dewars are ultra-low evacuated to allow the safe and efficient handling of all liquified gases, freezing-mixtures and specimens. A wide of sizes and capacities can be supplied either fully silvered, silvered with viewing-strips, or unsilvered. Tailed, spherical or any special shape of Dewar flask can be manufactured by our craftsmen in our well-equipped factory.

Vacuum-insulated Stainless Steel Flasks

These vacuum-insulated Dewar flasks are made entirely of stainless steel and are designed specifically for those special applications where no glass can be used.



Lightweight and compact in 6 standard sizes from ½ litres to 6 litres capacity, these Dewars are designed for low temperature and high temperature applications.

Model No.	Capacity (Litres)	Internal (diameter x depth mm)	Overall (diameter x depth mm)	Nett Weight (kg)
DSS 500	0.5	65 x 180	87 x 204	0.46
DSS 1000	1.0	85 x 206	107 x 232	0.85
DSS 1000W	1.0	100 x 157	122 x 177	0.63
DSS 2000	2.0	100 x 285	122 x 313	1.23

Blue enamelled Steel: Wide and Narrow Mouth

A range of low-cost utility Dewar flasks specially designed for laboratory, hospital and industrial use. Safe for use with all liquid gases and ideal for cold traps. High-quality borosilicate glass inner flasks, ultra-low evacuated in attractive blue stove-enamelled steel outer container, available in 8 capacities.



There are also 4 sizes in this multi-purpose range with models that have an insulated lid, fold-down carrying handle and cushioned base to prevent benchtop damage.



New to the Dilvac range comes the 1 litre, 2 litre and 4½ litre tried and trusted borosilicate glass Dewars housed in a blue steel enamelled

container. However, this time unlike their sister MS range, we have provided vented lids that can be clamped in place. This offers a lower cost alternative to the stainless steel range and are identical dimensionally inside and out to their stainless steel cousins. This makes them ideally suitable for longer term transportation of liquids and specimens.



DSS 3000	3.0	185 x 160	200 x 190	1.50
DSS 6000	6.0	185 x 270	200 x 300	2.12

Models DSS 1000 to DSS 6000 each have a detachable steel handle.

These Dewars can be used for ultra-low or very high temperature applications. From the storage and transportation of liquid nitrogen (-183°C), liquid nitrogen (-196°C) right up to high temperature ovens of +300°C. For use in physics, chemistry and biological situation, cold traps, oil baths, water baths; for the storage or carrying of frozen substances; for heat tempering or transporting high temperature objects, for medical study of frozen cells et. The list of applications is endless.

We can repair, re-silver or re-pump any damaged Dewar you may have. Ice-bowls and refills for other proprietary brand vacuums-flasks can also be supplied, no matter how old they are or where they came from. For these and all other special requirements, we are pleased to advise and assist you in any way we can.

See how it's made

Day-Impex producing a glass dewar flask



Standard Sizes, Capacities and Refills

	Container		Glass Refill		
	Reference Number	Size (Dia. x Height)	Reference Number	Internal size (Dia. x Height)	Capacity (Litres)
Stainless Steel Container with clamp lid attachment, vent and handle	SS111	116mm x 228mm	470111	85mm x 185mm	1.0
	SS222	142mm x 268mm	470222	106mm x 205mm	2.0
	SS333	182mm x 350mm	470333	150mm x 280mm	4.5
	SS700	245mm x 335mm	470700	200mm x 285mm	7.0

Stainless Steel Container shallow form, no handle or lid	SS77Sh	105mm x 75mm	47077Sh	77mm x 50mm	0.17
	SS100Sh	130mm X 90mm	470100Sh	100mm x 65mm	0.38
	SS115Sh	150mm x 95mm	470115Sh	115mm x 70mm	0.57
	SS138Sh	175mm x 105mm	470138Sh	138mm x 80mm	1.0
	SS150Sh	186mm x 138mm	470150Sh	155mm x 120mm	1.9
	Enamelled Steel Container with handle and lid	MS111	116mm x 228mm	470111	85mm x 185mm
MS222		142mm x 268mm	470222	106mm x 205mm	2.0
MS333		182mm x 350mm	470333	150mm x 280mm	4.5
MS200		245mm x 445mm	470200	200mm x 375mm	10.0
MS111+C NEW		116mm x 228mm	470111	85mm x 185 mm	1.0
MS222+C NEW		142mm x 268mm	470222	106mm x 205mm	2.0
MS333+C NEW		182mm x 350mm	470333	150mm x 280mm	4.5
Enamelled Steel Container with no handle or lid	MS40	68mm x 215mm	47040R	40mm x 70mm	0.2
	MS57	81mm x 350mm	47057R	54mm x 315mm	0.7
	MS67	94mm x 285mm	47067R	65mm x 240mm	0.75
	MS77	106mm x 275mm	47077R	75mm x 235mm	1.1
	MS90	126mm x 290mm	47090R	90mm x 240mm	1.5
	MS100A	137mm x 280mm	470100AR	100mm x 240mm	1.5
	MS100B	137mm x 330mm	470100BR	100mm x 290mm	2.0
	MS135	175mm x 290mm	470135R	135mm x 230mm	3.0



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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