

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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