

# Cryogenic Suits



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The Cryogenic Suits offer the same technology and protection as that of the Laboratory gloves. The Suit offers optimum protection for the torso, arms and legs against the effects of spills and splashes of cryogenic material including LNG and Liquid Nitrogen. The high efficiency insulation reduces bulk and the Suits design ensures excellent air flow. These properties ensure that the Suit does not become clammy.

The Cryogenic Suits are in two parts. A bib and brace overall with long shoulder straps, with Velcro fastening, to adjust to a wide range of heights. The waist is elasticated. Over this fits a Jacket of similar materials and this fastens with a Velcro strip all the way down the front. There are also Velcro fastenings on the cuffs. There are no outer pockets, but the jacket has an inner pocket. The Suits are of three layers, but the inner overall omits the insulating layer above the waist (covered by the overlapping jacket) for comfort, and to reduce bulk aiding manoeuvrability.

The outer layer is a woven polyamide and has a waterproof coating to resist condensed water on cold surfaces. However, it should be noted that the stitch holes are not sealed (to reduce bulk) and, whilst this could allow liquid ingress, it has not been found to be a problem in normal use.

The middle layer is of special polyolefin/polyester micro-fibre, which is almost twice as effective in thermal insulation as a similar thickness of down. This minimises heat transfer without being so thick as to be cumbersome. The inner layer is polyester for comfortable wear. The Jacket has a hanging loop inside the collar, so that they may be hung in a convenient place, away from pools of condensation, when not in use.

Prices available upon request.

## Safe Operation

- Before use, ensure the Suit is in good condition, that there are no snags in the material and the stitched seams are sound.
- The Suit is designed to be worn over other clothing.
- Cleaning and disinfection is not intended for the Suit.
- Wet or contaminated clothing should not be used.

#### **Cryogenic Suit – Jacket & Bib & Braces Trousers**

| <b>Size</b> | <b>Description</b> | <b>Part Number</b> |
|-------------|--------------------|--------------------|
| <b>S</b>    | Small Suit         | 220302             |
| <b>M</b>    | Medium Suit        | 220303             |
| <b>L</b>    | Large Suit         | 220304             |
| <b>XL</b>   | XL Suit            | 220305             |
| <b>XXL</b>  | XXL Suit           | 220306             |

#### **Cryogenic Suit Jacket with Collar**

| <b>Chest Size</b> | <b>Description</b>                        | <b>Part Number</b> |
|-------------------|---|--------------------|
| <b>36"-38"</b>    | Small Suit Jacket with Collar             | 220308             |
| <b>40"-42"</b>    | Medium Suit Jacket with Collar            | 220309             |
| <b>44"-46"</b>    | Large Suit Jacket with Collar             | 220310             |
| <b>48"-50"</b>    | Extra Large Suit Jacket with Collar       | 220311             |
| <b>52"-54"</b>    | Extra Extra Large Suit Jacket with Collar | 220312             |

#### **Cryogenic Suit Trousers**

| <b>Waist Size</b> | <b>Description</b>                | <b>Part Number</b> |
|-------------------|-----------------------------------|--------------------|
| <b>26" – 28"</b>  | Small Bib & Braces Trousers       | 220314             |
| <b>30"-32"</b>    | Medium Bib & Braces Trousers      | 220315             |
| <b>34"-36"</b>    | Large Bib & Braces Trousers       | 220316             |
| <b>38"-40"</b>    | Extra Large Bib & Braces Trousers | 220317             |
| <b>42"-44"</b>    | Extra Extra Bib & Braces Trousers | 220318             |



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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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Please contact us if this literature doesn't answer all your questions.