

# Series 3 EOD/IEDD SUIT



The Series 3 EOD/IEDD Suit is the result of five years of extensive research, testing and product development.

The suit is constructed from the latest in textile and composite technology, providing a lighter, more flexible suit than ever before, while keeping the levels of protection at an absolute maximum. In addition to the improvements and innovation inherent in this new product, our high standard of customer support and the ease of operation that is synonymous with all our products has been maintained.

The Series 3 comprises: Helmet, Smock, Blast Plates, Trousers, Spine Protector, Hand Protectors, Overshoes and Groin Protector.

#### Trousers:

- Adjustable braces
- Spine protector location
- Overshoes
- Emergency evacuation in under 10 seconds

#### Smock:

- Flexible full length arm with hand protectors
- Compact lightweight power supply
- Emergency evacuation in under 10 seconds

#### Blast Plates:

- Lightweight composite plates providing V50 in excess of 1800m/s
- Ergonomically designed to increase manoeuvrability

#### System Control:

- Integrated robust control unit for easy control adjustment
- Ambient sound enhancement
- Safety sound cut out
- Ventilation fan control
- Communication control

## EOD SUIT HELMET



- High Volume quiet ventilation fan with optional NBC filtration filters
- Integrated communications
- Rechargeable LED/Halogen Headlamp
- Increased Visor V50 protection 800m/s
- Nomex Helmet cover

## DUPLEX COMMUNICATION UNIT



- Slip Ring Reel for constant communication during deployment and retrieval
- Hardwire with 100m+ cable
- Optional Digital Sound recorder
- Wireless communication – certain models of wireless radio can be accommodated.

# COOLING SUIT

The Holdfast Cooling Suit is designed to offer a safe and cool environment for people who must maintain a high level of efficiency and concentration under extreme heat. The system is ideally suited for persons involved in bomb disposal and surveillance operations, as well as personnel in non-air-conditioned armoured vehicles.

The Holdfast Cooling System uses ice water to remove body heat produced during strenuous work, especially in hot environments. The suit requires no hazardous pressurised canister or toxic cooling agents. Made from machine washable, fire retardant Nomex or Kermel, the Holdfast Cooling Suit also offers protection against heat and flash fire. Testing of the suit on the effects of over-pressure, fragmentation, ballistics, body impact and heat have shown this suit is suitable for use under bomb suits, chemical suits and many other applications where body heat removal is desirable.

The kit includes a one-piece suit design with cooling on trunk, arms and legs, a close fitting open faced hood with cooling for head, a cooling unit and pouch, two water bottles, battery pack and carrying bag.

## COOLING SUIT SPECS

### Performance:

Heat Removal Rate: 270 watts (full suit)

Endurance min. 45 min at 35°C (95°F)

### Cooling Unit:

Control: On/Off

Pump: 12V

Cold Source: Ice cubes and water

Power: External pack.

### Weights:

Suit: 1.0 kg

Cooling Unit Dry: 0.5kg

Ice Cubes: 1.2kg

Water: 0.7kg

Battery Pack: 0.5kg

### Material:

Garment: Nomex or Kermel inherently flame retardant stretch knit fabric.

### Sizing:

Small: 150-175 cm; 40-75 kg

Medium: 170-185 cm; 70-90 kg

Large: 175-193 cm; 85-110 kg

### Compatibility:

- Worn next to skin under any clothing
- Cooling unit can attach to bomb suit via Velcro
- Second water/ice bottle supplied for stand-by
- Large capacity ice water container can be supplied

