



# Universal Defense

Military Equipments

## Christopher Trading

Jordan P.O. Box: # 850706, Amman, Jordan, 11185



### EOD Suit Series III

The SERIES III is our latest in EOD/IEDD suit technology; it combines an ergonomic design while still providing the user with the best possible protection. The other important feature of this suit is that it is lighter than its predecessors.

- The suit comprises of groin protector, trousers, smock (jacket), hand and feet protectors
- External blast plates

#### Materials

- Outer cover - Nomex ( fire resistant)
- Inner material – Aramid
- Blast plates- Composites

#### V50 Ratings

- Suit front – V50 600 + m/s
- Suit rear – V50 450m/s
- Suit with Blast plates – V50 1400m/s

#### Weight

Complete suit with blast plates – 26kg

#### Colors

Navy Blue, Olive Drab and Black



### EOD Suit Series II

The SERIES II suit is the tried and field tested model used by bomb squads and bomb technicians around the world. It is a highly durable, tough and user friendly. The wearer is provided with maximum protection made of the best materials available.

- Suit comprises of trousers, smock (jacket), hand and feet protectors
- External blast plates

#### Materials

- Outer cover – Nomex (fire resistant)
- Inner material – Aramid
- Blast plates- Composites

#### V50 Ratings

- Suit front – V50 600+ m/s
- Suit rear – V50 450m/s
- Suit with Blast plates – V50 1400m/s

#### Weight

Complete suit with blast plates – 31.5kg

#### Colors

Navy Blue, Olive Drab and Black



### EOD Helmet

The EOD helmet is a custom elastomeric moulded sandwich design. The helmet has built in ventilation system which also serves to demist the visor. Incorporated inside the helmet is an ambient sound protection system which cuts out any sound over a certain decibel level which protects the operator's ears. The helmet includes an audio communication set up consisting of a built in headphone and microphone. The fan speed and audio/ ambient volume control is located on a controller unit worn on the smock of the EOD/ IEDD suit. The visor is a curved wide angle to optimise the operators range of visibility

- Designed to work in conjunction with either EOD/IEDD Series II or Series III suit
- Integrated user controlled management system



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### Materials

- Outer shell - moulded GRP
- Inner – Aramid laminate
- Ballistic Visor - Acrylic Polycarbonate

### Weight

- 4.5kg

### V50 Ratings

- Helmet 630m/s
- Visor 690m/s

### Colors

- Navy Blue, Olive Drab
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### Duplex Hardwire Communications with Reel

#### Series II Bomb Suit reel

Standard roll out reel with one hundred metres of cable

#### Series II Bomb Suit Base Station

Has an internal rechargeable 12v DC battery but can be run from an external 12v supply such as a car cigarette lighter socket. It comes incased in a shock proof rubber boot.



#### Series III Bomb Suit Reel

Custom built heavy duty reel with one hundred metres of cable. It is equipped with a Slip Ring which allows the operator in the suit to be in constant communication during the deployment of the cable.

#### Series III Bomb Suit Base Station

Is incased in a secure durable aluminium case with its own built in 12v DC battery and charger. It can also be plugged into an external 12v source such as car cigarette lighter socket.

Both Base Stations come with a plug in head phone with boom microphone. It also has the ability to switch to speaker phone.

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### Power Supply Pack

The Series II Bomb Suit comes with a 12v DC sealed battery and is supplied with a 110v to 240v AC to 12v DC charger

The Series III Bomb Suit comes supplied with NiCad rechargeable D cells and can be swapped for standard D cells if needs be. The battery pack can be recharged by means of

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a 110v to 240v to 12v DC charger

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### Spine Protector

Due to the nature of the effects of an IED detonation it is important to protect the operator from the impacts incurred during a blast. The Spine protector is designed to support the core axis of the spine. Exceptionally high energy absorbent foam is used in this equipment.

- Worn underneath EOD suit
- Protects wearer from spinal injury

#### Materials

- Polycot ton
- High density impact absorbent foam

#### Colors

- Black
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### Cooling Suit with Pump Assembly

The Cooling Suit has revolutionized the EOD operators effective working time in an EOD/IEDD suit. The suit which is worn underneath the EOD suit circulates ice cold water around the entire body and head keeping the body from over heating too quickly. The water pumped by means of a battery operated pump worn externally on the EOD suit.

- Worn underneath EOD suit configuration
- Gives wearer extended work time with ability to control excess energy loss due to heat exhaustion.

#### Materials

- Kermel (heat and flash fire resistant)
- Integrated silicone piping

#### V50 Ratings

- N/A

#### Weight

- 2.7kg with pump assembly

#### Colors

- Navy Blue
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