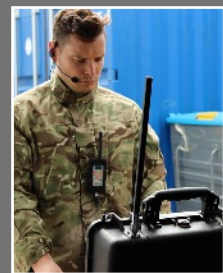


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THOR EOD BOMB SUIT SYSTEM

THOR EOD BOMB SUIT

- The all-new THOR EOD suit, with improved blast protection and advanced electronics control system
- THOR complies with the requirements of the NIJ 0117.01 Bomb Suit Standard including the blast and fragmentation required performances
- Improved suit integrity during blast exposure with enhanced over pressure attenuation layers
- New front-facing Double Skin Outer Shell, incorporating our own new proprietary design of high tensile strength blast resistant outer with flame retardant core backing
- Double locking blast plate mounting system
- Incapacitated doffing in the event of having to remove suit from operator quickly, with or without operator's assistance
- Integrated visor demisting
- Quick release helmet buckle
- Dual grab handle in the event of having to extract incapacitated operator from incident
- Advanced helmet liner with combined attenuation layer and ergonomic comfort layer
- MOLLE straps to attach user's own and additional equipment pouches
- NBC mask accommodation
- New four-point helmet stabilising retention system
- Increased downward and periphery visibility
- THOR core suit components. Helmet, Smock, Blast Plate, Trousers, Spine Protector, Overshoes and groin protector

THOR EOD SUIT

Part Number EOD001201



SUIT CONTROL SYSTEM

SUIT CONTROL SYSTEM

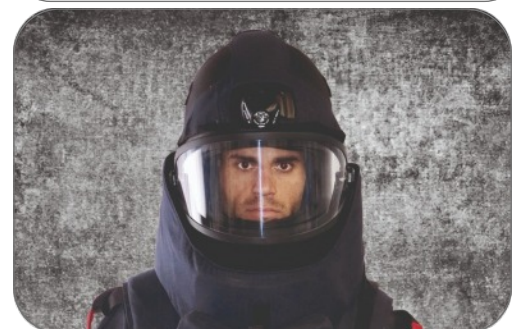
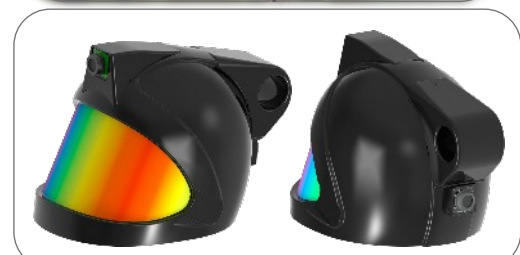
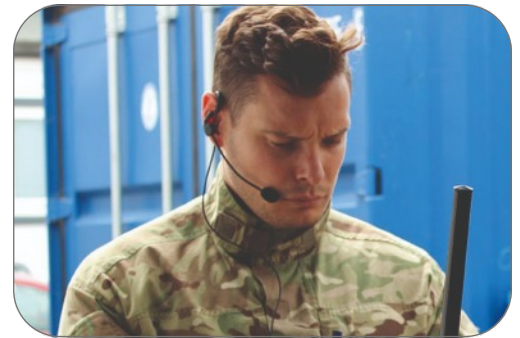
Hand controller fitted to arm, controlling the following THOR functions

- Helmet lights, white, red and intensity
- Helmet fan to assist head cooling and visor demist
- Optional cooling system to maintain body temperature in hot climates
- Radio communication with incident control point, with stereo audio and separate voice communication and ambient sound setting
- IP Mesh radio communication
- Front mounted camera mounted on THOR's helmet allows videos to be recorded and photos taken of the mission on the hand controller. The rear mounted camera allows the operator to walk backwards from the task but have a clear image on the hand controller of the return route to avoid tripping or falling
- Mission timer function
- Voice command system to control all functions allowing operator to keep their hands free during the mission. Audio feedback into the helmet headset ensures the operator has audio confirmation the command has been understood and executed
- Battery information
- COTS BT-70757BV high capacity battery for long mission duration. Optional 2590 higher capacity battery also available for even longer mission duration

THOR EOD SUIT

WITH CONTROL SYSTEM

Part Number EOD001202



THOR EOD SUIT

COOLING SUIT

Part Number EOD001204



SUIT CONTROL SYSTEM

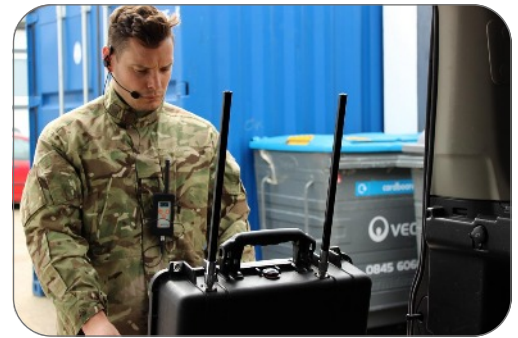
SUIT CONTROL SYSTEM PLUS

THOR is the first EOD suit in the world to have a complete Incident Control Point (ICP) communication system

The Plus System has all the features of SUIT CONTROL SYSTEM, and in addition:

- All suit, operator and environmental data is transmitted back to the ICP Operator Control Unit (OCU) which displays the data in an easy to read, high brightness, weatherproof control console
- Front mounted camera mounted on THOR's helmet transmits images back to the ICP, allowing the commander to have clear sight of the EOD operator's task and environment. Camera feed can be recorded and pictures saved to the OCU. In addition, the rear mounted camera allows the operator to walk backwards from the task but have a clear image on the hand controller of the return route to avoid tripping or falling
- Body mounted sensors allow the ICP to monitor vital statistics (such as heart rate) of the operator in case of excessive stress or injury
- Environmental data (temperature, humidity) of the EOD operator's environment is also transmitted back to ICP, allowing the commander to have a full understanding of the environment the EOD operator is in
- Optional CBRNe sensors may be mounted on THOR, transmitting data and alerting if there is chemical contamination or a radiation threat. This gives the EOD operator and commander at the ICP knowledge of a hazardous environment. If a chemical threat is observed, or radiation detected, the operator can be instructed to return to the ICP
- All suit functions, including lights, image recording (picture or video), cooling, helmet fan, timer and radio communications can be controlled from the ICP OCU as well as from the suit arm controller

THOR EOD SUIT WITH CONTROL SYSTEM PLUS Part Number EOD001203



CONTACT & FURTHER INFORMATION

Hook & Line, EOD Equipment

Brochure:



Webpage:



Video:



ZEUS UGV

Full Brochure:



Short Brochure:



Webpage:



Video:



Firing Systems

Brochure:



Webpage:



Video:



Firing Cable

Webpage:



Energetics

Brochure:



Search & Inspection Equipment

Brochure:



Webpage:



Video:



Steve Wisbey BEng
Managing Director

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James Middleton BEng
Sales Manager

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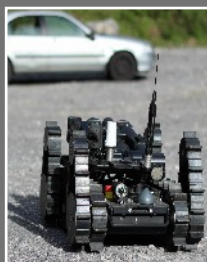
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