



**LUNO
SYSTEMS**

HORNET™

LIFE SUPPORT HELMET SERIES



HORNET

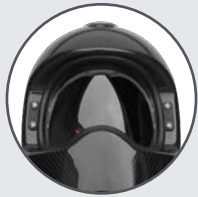


FEATURES

Single piece structure for increased strength and safety, and the only breathing protection helmet which meets the EN397 industrial safety helmet standards for impact resistance.



In-built communication system compatible with Aircom and other communication systems



Carbon composite monocoque construction and exacting helmet weight distribution means high levels of user comfort



3 air supplies – dual demand fed and one emergency tertiary constant flow supply



Helmet is supplied with holdall, toolkit and neck cape.

Also includes pneumatics and communications.

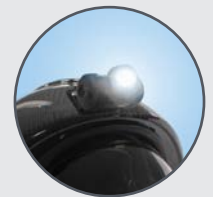
Different pneumatic and communications connections are available.



Inflatable bladder for internal comfort and ensures a snug fit for a wide variety of head sizes



Very comfortable soft silicone face mask available in 3 sizes. Inner mask available in 2 sizes



Atex LED headtorch/Helmet camera (optional)

Designed for high risk working in irrespirable atmospheres typically inerted with nitrogen, the Hornet™ helmet is a revolutionary monocoque shell design, offering integrated respiratory and head protection.

Whilst meeting the existing stringent safety requirements of this type of equipment, such as anti-panic removal protection, the helmet development has focused on enhanced comfort and usability for wearers in the most challenging and potentially life threatening environments.

Supplied with 3 airline connections, airline manifold and facility to connect to the emergency escape cylinder.

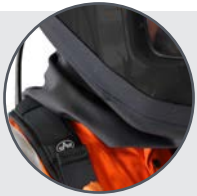
Designed to be used with the ENTRO full body harness, the system provides a total solution for access into reactor vessels under inert conditions.

It is additionally compatible with a variety of life support control panels such as the Luno Systems AIRMASTER 2 panel and its umbilical hose and comms assemblies, providing a versatile system for these environments.

Only basic tools are needed to maintain the unit, with a full strip down for cleaning only taking a few minutes (a screwdriver with all bits required is provided in the kit).



TYPICAL CONFIGURATION OPTIONS



Dust Neck Cape



Customise helmet with sticker set



Cylinder and Waist Belt



Entro Harness



Quick mount clips for attaching manifold/ accessories



Holdall and Accessories



HELMETS

HORNET HELMET

20000	V1 SMALL MASK, SMALL NECK CLAMP
20001	V1 STANDARD MASK, LARGE NECK CLAMP
20002	VM SMALL MASK, SMALL NECK CLAMP
20003	VM STANDARD MASK, LARGE NECK CLAMP
20005	V2 SMALL MASK, SMALL NECK CLAMP
20006	V2 STANDARD MASK, LARGE NECK CLAMP
20012	V3 SMALL MASK, SMALL NECK CLAMP
20013	V3 STANDARD MASK, LARGE NECK CLAMP

HORNET V3 US HELMET - NIOSH SPECIFICATION

20027	V3 US SMALL MASK, SMALL NECK CLAMP
20028	V3 US STANDARD MASK, LARGE NECK CLAMP

ESCAPE CYLINDERS

20021	V1 COMPOSITE CYLINDER ASSEMBLY (FOR V1 & V3)
20020	VM COMPOSITE CYLINDER ASSEMBLY (FOR VM & V2)
20015	V3 US COMPOSITE CYLINDER ASSEMBLY

HARNESSES

20022	ENTRO 1 HARNESS WITH SHOULDER PAD & BELT WITH QUICK MOUNT (NON-US & US)
20023	ENTRO 2 HARNESS WITH SHOULDER PAD AND BELT
20064	ENTRO 1 XL HARNESS



SPECIFICATION

	HORNET HELMET
Approvals	EN14593-1, EN136, EN042, EN397 (part)
Helmet Material	Carbon Fibre Composite
Demand Valves	Servo assisted positive pressure
Air Supplies	2 demand fed and one emergency constant flow (tertiary)
Hose	Polyurethane reinforced with stainless fittings
Air Supply Pressure	5.5 - Up to 10bar
Complete Weight (including pneumatics and manifolds)	2.75 kg Approx. Depending On Configuration
Weight (excluding pneumatics and manifolds)	1.6 kg
Helmet Size (L x H x W)	330mm x 225mm x 220mm
Communication	Full duplex, compatible with Luno Systems hardline communications (and other hardline comms systems)
Optional Extras	Balaclava hood, Quick-Mount™ brackets
Couplings	Standard Luno/Skovde/Hansen etc.