

Dräger HPS® 7000 Firefighting helmet

The multipurpose Dräger HPS® 7000 firefighter's helmet is in a class of its own, thanks to its innovative, sporty and dynamic design, ergonomic fit and components which make it a multifunctional system solution. It provides optimum protection during every operation.



Dräger HPS® 7000



Benefits

SAFETY+

Design at its strongest

Despite its low weight, our multipurpose firefighting helmet Dräger HPS 7000 is one of the safest full-shell helmets in its class. Its outer shell of composite material in combination with the PUR inner shell provides reliable protection against thermal and mechanical influences. The plastic reinforced with fibreglass and aramid webbing resists extreme temperatures. It is even able to withstand the enormous radiation caused by the heat and flame engulfment of a flash over.

The visors, made of high-temperature-resistant material, reliably protect your eyes and face against high heat, particles and liquid chemicals. The large and modern facial protection visor offers unrestricted protection with best visibility. For operations under chemical protective suits, the visor can be fixed permanently. A safe alternative is provided by the integrated and individually adjustable eye protection visor with an integrated soft-pad edge protection. Both visors leave enough space for the simultaneous use of corrective glasses or respiratory masks.

Innovative mask-helmet adaption system

As a provider of integrated system solutions, Dräger sets new standards for the interaction of its products. The universally and individually adjustable mask connection system of the Dräger HPS 7000 creates a strong and safe helmet-mask combination. The full-face mask Dräger FPS® 7000 especially as mask-helmet-combination, the Dräger mask communication system Dräger FPS®-COM 5000 / FPS®-COM 7000 and the SCBA of the PSS series allow you to optimally configure the overall system.

For better visibility

The helmet is available in a wide range of colours. For the best possible protection in conditions of poor visibility, you can also fix reflective strips in different designs all around the helmet, making it easily identifiable day or night.

With the individual lighting solutions, your immediate work area can be illuminated as needed: our integrated, explosion-proof helmet lamps can be fitted at the front or side and can be handled hands-free. The lightweight LED helmet lamp Dräger HPS® FlashLight is integrated into the helmet shell and illuminates the whole working area. It is located in the centre of the front plate and has an effective glare shield as well as an intelligent battery management system. For additional safety, the Dräger HPS® BuddyLight on the back of the helmet makes you instantly recognisable from behind, even in conditions of poor visibility.

USABILITY

Firefighting helmet with tailor-made fit for every head

To meet this requirement, Dräger developed the HPS 7000 firefighting helmet in close cooperation with customers worldwide. Two helmet shells for head sizes from 50 to 66 cm cover a wide range of individual head and face shapes. With a weight of approx. 1,360 g in the basic version, it is one of the lightest helmets in its class. The ergonomic design of the firefighter helmet distributes the weight evenly on the head and thus relieves your neck muscles.

Benefits

Comfort is a matter of position

In addition to its comfortable interior fitting made of skin-friendly, anti-allergic and flexible materials, the Dräger HPS 7000 stands out with its high level of operating and wearing comfort. The padded 4-point harness allows for safe and easy adjustment to any head shape. The optimum balance of the firefighting helmet can be adjusted individually in the neck and chin area. The padding made of Nomex® also ensures a comfortable fit. The integrated comfort hairnet or alternatively the comfort pad enables the height to be adjusted and assures a good climate inside the helmet. During operation, the head size can be adjusted quickly via an easy-to-operate size adjustment wheel with a safety mechanism on the outer shell, even with wet and stiff gloves.

Nothing left to be desired

A firefighter's helmet is more than a mere piece of equipment – it serves as a personal distinguishing feature. That's why you can also assemble the helmet according to your wishes: from a variety of colour options to the attachment of reflective stripes for individual marking to an individual emblem for your front plate. A comprehensive accessory programme completes the Dräger package. Matched to your clothing, the various neck-protector versions reliably keep your back free. With the innovative PARASNAP adapter solution, a wide variety of helmet lamps as well as action cams can be used together with the helmet. A Nomex® fabric protects your firefighting helmet in any training situation and extends its service life. Helmet bags and cases provide safe storage and transport.

Nomex® is a registered trademark of the company DuPont.

PARASNAP® is a registered trademark of the company PARAT GmbH + Co. KG.

Connectivity

Optional integrated communication system

The integrated Dräger HP®S-COM helmet communication unit provides reliable support for radio communication. Alongside its excellent voice quality, its stand-out features include a robust, compact design, easy and safe installation. The new dual-mic technology is ideally suited to all operations, with or without breathing protection.

Serviceability

Ready again in no time at all

The Dräger HPS 7000 firefighting helmet is easy and efficient to service, thanks to the minimum number of components. The entire interior fitting can be removed and reinstalled in just a few steps. You can replace individual components easily and quickly using standard tools. Whether manually or mechanically - you can use any common cleaning process on this protective helmet without any problems. All electronic accessory components can be powered using standard commercial batteries. In addition, RFID transponders and barcode technology also support your logistics processes.

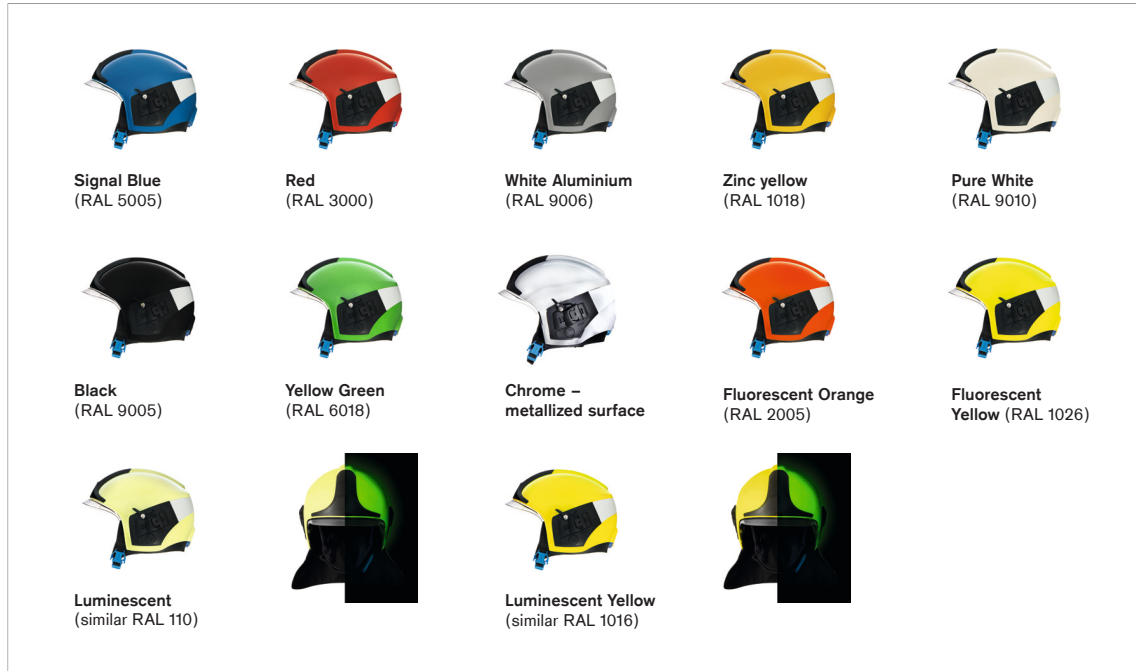
Awards



Overview of helmet and colour variants

| | Dräger HPS® 7000 Basic | Dräger HPS® 7000 Standard | Dräger HPS® 7000 Pro |
|--|---|--|---|
| |  |  |  |
| Integrated face guard | ✓ | ✓ | ✓ |
| Integrated eye guard | ✗ | ✗ | ✓ |
| Option to use as a mask-helmet-combination (MHC) | ✗ | ✓ | ✓ |
| Option to mount the integrated helmet lamp Dräger HPS® FlashLight | ✓ | ✓ | ✓ |
| Option to mount lateral a standard helmet lamp (PX series or Adaro) | ✗ | ✓ | ✓ |
| Option to mount the rear light Dräger HPS® BuddyLight | ✓ | ✓ | ✓ |
| Option to mount the integrated helmet communication system Dräger HPS®-COM | ✓ | ✓ | ✓ |

Dräger HPS® 7000 – Side function plates



Dräger HPS® 7000 – Colour options

System Components



D-13666-2010

Dräger FPS® 7000

The Dräger FPS® 7000 full-face mask series ensures high safety and wearing comfort. The modern design offers a large, optimised field of vision, while the availability of different sizes ensures the mask fits comfortably and securely. The full-face mask is available with different connections and wearing systems.

Accessories



D-46870-2015

Neck protector for Dräger HPS® 7000

The neck protector can be quickly and securely attached via a plug-in system with four snap fasteners. Several designs are available:

- Short, close-fitting aramid version with integrated fold
- Alu-aramid version in different lengths
- Dutch version made of a 3-layer, high-quality aramid fabric, resistant to many acids and alkalis



D-31641-2020

Integrated helmet lamp Dräger HPS® FlashLight

This optional LED helmet lamp is lightweight, explosion-proof and specially designed for use in fire fighting operation. It is integrated in the helmet design and provides comprehensive illumination of your direct working area. It is centrally positioned on the front plate and has an effective glare shield. The 3W high-performance Power LED has four modes and three lighting levels (bright, dimmed, flashing, off), and runs on two commercially available AA batteries. A function and battery test is integrated and the battery status is displayed during use.

Accessories



D-21872-2020-D-44789-2015

Standard helmet lamps Dräger PX1, PX1 SHORTY and PX2

These optional explosion-proof helmet lamps with LED technology provide optimal illumination of your extended working area. They can be attached to the right- and/or left-hand side of the helmet using a separate lamp adapter and run on commercially available AA batteries.

Different lamp adapters are available for other standard helmet lamps.



D-35687-2021

Dräger HPS® BuddyLight rear light

This optional LED rear light serves as a warning and indicator light. It is adapted to the back side of the helmet using an adapter with a bayonet-type connector and runs on two commercially available coin cell batteries. The lamp has seven modes in three colours (blue, white and red) that are either continuously on/off or flashing.



D-8549-2019

Dräger HPS®-COM

The Dräger HPS®-COM is a robust, easy-to-install communication unit for firefighting helmets. Thanks to the latest technology, it delivers excellent audio performance. You can choose between two different base units and four microphone options, suitable for a wide range of application scenarios.



D-1816-2022

Face guard for Dräger HPS® 7000

The integrated, large and ergonomic face guard protects you safely from extreme heat, particles and liquid chemicals. It also offers the best visibility. It is made to fit a wide range of individual face sizes and shapes, including the wearing of corrective spectacles.

Accessories



D-1809-2022

Eye guard for Dräger HPS® 7000

The eye guard is operated from the outside by two levers (suitable for both left- and right-handed use). It allows horizontal adjustment in two positions for individual face sizes and shapes, including the use of corrective spectacles. The integrated soft-pad edge protection ensures a comfortable fit.

Related Products



D-24352-2020

Dräger HPS® 3500

The Dräger HPS® 3500 – a multifunctional and universal helmet for the diverse requirements of rescue teams during search and rescue, forest and bush fire fighting, traffic accidents, rescue from heights, water rescue and any kind of technical assistance.



D-28836-2015

Dräger HPS® 4500

The Dräger HPS® 4500 is a traditional half-shell helmet with a modern design. Its robust outer shell provides you with excellent protection against impact and extreme heat. With a modern visor design, the helmet has superior wearer comfort due to ergonomic and lightweight internal components. A comprehensive range of accessories make our solution a truly versatile helmet across a variety of applications.

Related Products



D-0427-2019

Dräger HPS® SafeGuard

The Dräger HPS® SafeGuard is the extremely lightweight universal helmet for fire and rescue services. Its innovative design combines optimal protection with the highest levels of wearing comfort. Its sporty look, light weight and tailor-made accessories make the helmet a real all-rounder for any challenge.

Technical Data

Dräger HPS® 7000

| | |
|---|---|
| Size | <p>Two helmet shell sizes, H1: for head size 52 to 62 and optional for 50/51 (when using a separate padding strip), H2: for head size 56 to 64/66, continuously adjustable via adjustment wheel Based on anthropometric data, size H1 fits more than 90 percent of the users in the target group.</p> |
| Weight | <p>HPS® 7000 Basic-H1: ca. 1,360 g (±3 %) HPS® 7000 Standard-H1: ca. 1,430 g (±3 %) HPS® 7000 PRO-H1: ca. 1,540 g (±3 %)</p> |
| Material, outer shell | <p>Composite consisting of fibreglass-reinforced plastic (PA-GF) and additionally reinforced with aramid webbing, high- temperature-resistant</p> |
| Colours | <p>black (RAL 9005) fluorescent orange (RAL 2005) fluorescent yellow (RAL 1026) chrome luminescent (similar to RAL 110) luminescent yellow (similar to RAL 1016) red (RAL 3000) signal blue (RAL 5005) white aluminium (RAL 9006) white (RAL 9010) yellow green (RAL 6018) zinc yellow (RAL 1018)</p> |
| Mask connection (only for Standard & PRO version) | <p>Option to attach any adapter mask, e.g. Dräger FPS® 7000 with s- or q-fix adapter, adjustable to four positions</p> |
| Interior fitting | <p>Flame-resistant and washable 4-point harness made of Nomex®, sweat band of eco-leather, head support ring with wheel- adjustment system, integrated hairnet or multilayer comfort pad, fixing lever for facial protection visor and communication adapter</p> |
| Face guard | <p>Made of high-temperature resistant material, with grip zone protruding over the helmet shell, steplessly swivelling with three locking positions Available in different versions Approved according to EN14458:2018 For further technical information, see the technical data sheet of the HPS 7000 face guard</p> |
| Eye guard (only for PRO version) | <p>Made of high temperature resistant material, with softpad edge protection made of EPDM, horizontally adjustable in 2 positions, operation via levers on both sides outside of the helmet Available in different versions Approved according to EN14458:2018 For further technical information, see the technical data sheet of the HPS 7000 eye guard</p> |
| Approvals, helmet | <p>EN 443:2008 standard for firefighting helmets (Typ B 3b, C, E2, E3, -40 °C), DIN 58610:2014 standard for a mask-helmet combination, EN 16471:2014 firefighting helmets for wildland firefighting</p> |

Technical Data

| | |
|--|--|
| | <p>EN 16473:2014 firefighting helmets for technical rescue MED 2014/90/EU standard for firefighting helmets onboard ships SOLAS II-2/ 10.10; IMO Res. MSC.327(90): International standard for firefighting helmets onboard ships EAC standard for firefighting helmets in the Eurasian Economic Union (RU, BY, KZ, AM, KG) CA 32.878 Brazilian standard for firefighting helmets (EU) 2016/425 personal protection equipment regulation</p> |
| Integrated helmet lamp Dräger HPS® FlashLight | |
| Material | Fibreglass-reinforced plastic (PA-GF), high-temperature-resistant |
| Total dimension | Approx. 55 mm wide x 43 mm high x 105 mm long |
| Weight | With batteries: approx. 125 g, without batteries: approx. 80 g |
| Light technology | Power LED lighting level 1: approx. 43 lm lighting level 2: approx. 25 lm lighting level 3: "flashing light" with changing performance of approx. 43 lm or 0 lm |
| Power supply | 2 AA/LR6/MN1500 alkaline batteries, intelligent battery-management system |
| Usage time | Lighting level 1: approx. 5 hours Lighting level 2: approx. 11 hours Lighting level 3: approx. 10 hours |
| Protection class | IP67 |
| Approval HPS® FlashLight | IECEX: Ex ib IIC T4/T3 Gb ATEX: II 2G Ex ib IIC T4/T3 Gb |
| Dräger HPS® BuddyLight rear light | |
| Rear light material | Lower part of housing including battery cover: Co-polymer, temperature-resistant Upper part of housing: Apec®, temperature-resistant |
| Weight | With batteries: approx. 26 g |
| Dimensions | 50 mm x 41 mm x 16 mm (L x W x H) |
| Light technology | 6 LEDs Continuous light, in the following colours: – blue, red, white Flashing light, in the following colours: – blue, red, white, blue/red |
| Operation time | Up to 10 hours in single-colour flashing mode Up to five hours in continuous light mode or two-colour flashing mode |
| Energy supply | Two CR2032 lithium coin cells |
| Protection class | IP54 |
| Material adapter for HPS® BuddyLight | Stanyl, temperature-resistant |

Ordering Information

Dräger HPS® 7000 H1 Basic

Including harness in size M, face guard clear AS/AF, matt black front plate, Basic function plates, without reflective stripes at the back

Order number

Ordering Information

| | |
|---|----------|
| Dräger HPS® 7000 Basic luminescent | R 79 170 |
| Dräger HPS® 7000 Basic red | R 79 172 |
| Dräger HPS® 7000 Basic fluorescent yellow | R 79 173 |

Dräger HPS® 7000 H1 Standard

Including harness in size M, face guard clear AS/AF, matt black front plate, Standard function plates for adapting optional accessories, mask/ helmet adapter for use as a mask-helmet combination, without reflective stripes at the back

Order number

| | |
|--|----------|
| Dräger HPS® 7000 Standard luminescent | R 79 364 |
| Dräger HPS® 7000 Standard white | R 79 366 |
| Dräger HPS® 7000 Standard red | R 79 368 |
| Dräger HPS® 7000 Standard fluorescent yellow | R 79 353 |

Dräger HPS® 7000 H1 PRO

Including harness in size M, face guard clear AS/AF, eye guard clear AS/AF, matt black front plate and black reflective label with Dräger Fire Brigade Logo, PRO function plates for adapting optional accessories, mask/helmet adapter for use as a mask-helmet combination, silver reflective stripes at the back

Order number

| | |
|---|----------|
| Dräger HPS® 7000 PRO luminescent | R 79 250 |
| Dräger HPS® 7000 PRO white | R 79 251 |
| Dräger HPS® 7000 PRO red | R 79 252 |
| Dräger HPS® 7000 PRO fluorescent yellow | R 79 253 |

Other versions of the Dräger HPS® 7000 and customer individual configurations of the helmet available via configurator part number

| | |
|------------------------------------|----------|
| Dräger HPS® 7000 H1 (configurator) | R 79 571 |
| Dräger HPS® 7000 H2 (configurator) | R 79 572 |

Accessories/spare parts

Face and eye protection

| | Order number |
|--|--------------|
| HPS® 7000 H1 face guard, Apec® clear AS/AF | 37 00 711 |
| HPS® 7000 H1 face guard, Apec® gold-R1 AS/AF | 37 00 712 |
| HPS® 7000 H1 face guard, PESU gold-R2 | R 79 262 |
| HPS® 7000 H2 face guard, PESU clear | R 79 463 |
| HPS® 7000 H2 face guard, PESU clear AS | R 79 464 |
| HPS® 7000 H2 face guard, PESU clear AF | R 79 339 |
| HPS® 7000 H2 face guard, PESU gold-R2 | R 79 465 |
| HPS® 7000 H1 eye guard, Apec® clear AS/AF | 37 21 338 |
| HPS® 7000 H1 eye guard, Apec® tinted AS/AF | 37 21 339 |
| HPS® 7000 H2 eye guard, PESU clear | R 79 460 |
| HPS® 7000 H2 eye guard, PESU clear AS | R 79 461 |
| HPS® 7000 H2 eye guard, PC tinted | R 79 333 |

Apec® is a registered trademark of the company Covestro Deutschland AG.

Ordering Information

| Neck Protector | Order number |
|---|--------------|
| HPS® 7000 neck protector Aramid / Alu short | 37 00 329 |
| HPS® 7000 neck protector Aramid / Alu | R 79 145 |
| HPS® 7000 neck protector Aramid / Alu XXL | R 79 480 |
| HPS® 7000 neck protector Aramid short | R 79 146 |
| HPS® 7000 neck protector Aramid Dutch type, 3-layer | R 79 147 |

| Lighting solutions and adapters | Order number |
|---|--------------|
| Dräger HPS® FlashLight | R 79 013 |
| Required for retrofitting the integrated LED helmet lamp: | |
| Spare front plate for integrated helmet lamp HPS® FlashLight | R 79 226 |
| Dräger PX1 helmet lamp | R 62 350 |
| Dräger PX1 SHORTY helmet lamp | 37 01 450 |
| Dräger PX2 helmet lamp | R 62 352 |
| Lamp holder for helmet lamps PX1 Series | R 79 129 |
| PARASNAP® lamp holder base, helmet mounted | 37 20 149 |
| PARASNAP® lamp holder, PX1 series (for large lamps) | R 62 355 |
| PARASNAP® lamp holder, PX2 series (for small lamps) | R 62 357 |
| Lamp holder for Adaro helmet lamps (for ADALIT® L-5, L-10 und L-30) | R 79 493 |
| Dräger HPS® BuddyLight incl. helmet adapter | AH 00 457 |

PARASNAP® is a registered trademark of the company PARAT GmbH + Co. KG.

ADALIT® is a registered trademark of the company LaCont Umwelttechnik GmbH.

| Helmet communication units and adapters | Order number |
|--|--------------|
| Dräger HPS®-COM Boom Mic (long boom microphone) | 37 03 820 |
| Dräger HPS®-COM Short Boom Mic (short boom microphone) | 37 03 821 |
| Dräger HPS®-COM Bone Mic (bone conduction skull microphone) | 37 03 822 |
| Dräger HPS®-COM Throat Mic (throat microphone) | 37 03 823 |
| Dräger HPS®-COM dual Mic Bone/ Boom (bone conduction skull/long boom microphone) | 37 03 830 |
| Dräger HPS®-COM dual Mic Bone/ Short (bone conduction skull/short boom microphone) | 37 03 831 |
| HPS-COM plug protector | R 80 042 |

| Customised marking and labelling | Order number |
|--|--------------|
| Reflective stripes on helmet back, 2- or 3-part versions | |
| Reflective stripes lateral, design: "Wing" | |
| Reflective stripes front, design: "2 arches" | |
| See price list for further information | |
| HPS 7000 customized marking (for custom logos and lettering) | R 80 089 |

| Miscellaneous | Order number |
|----------------------------|--------------|
| HPS® 7000 Comfort-Pad | R 80 036 |
| RFID transponder | 33 62 617 |
| Barcode label 22x8 mm | AG 02 551 |
| Barcode label 30x13 mm | AG 02 395 |
| Helmet carrying bag, big | R 58 555 |
| Helmet carrying bag, small | R 68 555 |
| Helmet protection bag | R 79 282 |

Ordering Information

| | |
|---|-----------|
| Helmet protection cover (for training purposes) | R 79 279 |
| Washing bag (for machine cleaning) | 65 70 003 |

Notes

Not all products, features, or services are for sale in all countries.
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