

Dräger HPS® 7000 Head Protection

The 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.



Benefits

Tailor-made fit for every head

To meet this requirement, Dräger developed the HPS 7000 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. 1,380 g in the basic version, it is one of the lightest helmets in its class. 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.

Comfort is a matter of position

The padded 4-point harness allows for safe and easy adjustment to any head shape. The optimum balance of the 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 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 thick gloves.

Nomex® is a registered trademark of the company DuPont.

Design at its strongest

The ergonomic helmet design evenly distributes the weight to the head and relieves the neck muscles. 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 protective goggles with an integrated soft-pad edge protection. Both visors leave enough space for the simultaneous use of corrective glasses or respiratory masks. A firefighter's helmet is more than a mere piece of equipment – it serves as a personal distinguishing feature. Therefore, you can configure the helmet according to your wishes: select from a variety of colours and also pick an individual emblem for your front plate.

Innovative system design

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 FPS 7000, the integrated mask communication unit FPS 7000 COM-PLUS and the SCBA of the PSS series allow you to optimally configure the overall system. The lightweight LED helmet lamp 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 intelligent battery management system. The interior fitting can be equipped with various audio/speech headsets for different radios. This ensures reliable communication even in loud environments.

Benefits

Highest safety – the material mix makes the difference

Despite its low weight, the 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 polyether sulphone reliably protect your eyes and face against high heat, particles and liquid chemicals.

Nothing left to be desired

A comprehensive accessory programme completes the Dräger package. Reflective stripes improve your visibility under unfavourable conditions and allow for individual marking. Matched to your clothing, the various neck-protection versions reliably keep your back free. Separate helmet lamps are attached with a lamp adapter on the right or left helmet side. A Nomex® coating protects your helmet in any training situation and extends its service life. Helmet bags and cases provide safe storage and transport.

Ready again in no time at all

The Dräger HPS 7000 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. All helmet components are cleaned and disinfected manually or in an industrial washing machine.

Outstanding design

The firefighter's helmet Dräger HPS 7000 has been awarded two major design awards:

- IF product design award 2014
- Red dot design award 2013

Both awards count among the most important international design competitions and not only rate design quality, but also aspects such as safety, ergonomics, functionality, degree of innovation and environmental compatibility.

The red dot jury based its decision on: "The notably light Dräger HPS 7000 firefighter helmet can be customised to comfortably fit any head size and guarantees enhanced safety."

System components



D-13666-2010



D-10572-2011



ST-346-2004



ST-5785-2004

Dräger FPS® 7000

The Dräger FPS® 7000 full-face mask series sets new standards in terms of safety and wearing comfort. Thanks to its enhanced ergonomics and the availability of multiple sizes, it offers a large, optimized field of vision and a very comfortable, secure fit.

Dräger FPS®-COM 5000

Because there is no time for misunderstanding in an emergency: The Dräger FPS®-COM 5000 communication unit replaces the proven Dräger FPS®-COM-PLUS. It has been specifically developed for the full-face mask Dräger FPS® 7000 and ensures clear communication through a voice amplifier unit or radio device – even under extreme conditions.

Dräger Com-Control 400

The Dräger Com-Control 400 is a simple push-to-talk button which connects the upper units to multiple radio devices.

Dräger HC-COM

Dräger HC-COM helmet units are compact and lightweight receiver/transmitter units which can be adapted to different helmet shapes and enable immediate, clear and reliable communication.

Accessories



D-56194-2012

Nomex®

Short and tight fit, Nomex® with fluorocarbon



D-1131-2010

Lamp Dräger PX1 LED

High-performance lamp with new LED technology



D-56209-2012

HPS 7000 helmet lamp LED

Integrated



D-56197-2012

Facial protection PESU

Available as version clear and clear, anti-scratch coated

Accessories



Eye protection PESU

Available in the versions
Clear / Clear, anti-scratch coated / Tinted

Related Products



Dräger HPS® 3100

The Dräger HPS® 3100 – a multi-functional and universal helmet for the various demands of emergency teams in search and rescue missions, for forest and bush firefighting, road accidents, height rescue and any kind of technical support operations in emergency situations.



Dräger HPS® 4300

Dräger HPS® 4300 – a firefighter's helmet in a class of its own. Optimum protection even at extreme temperatures. Convincing wearing comfort and a good climate inside the helmet. An extensive range of accessories is available to complete the head-protection system.

Technical Data

Dräger HPS® 7000

Size	Two helmet shell sizes, H1: for head size 52 to 60 and optional for 50/51 (when using a separate padding strip), H2: for head size 56 to 64/66, continuously adjustable via adjustment wheel
Weight	HPS® 7000-H1: ca. 1,380 g (±5 %) HPS® 7000-H2: 1,680 g (±5 %) HPS® 7000 PRO-H1: ca. 1,580 g (±5 %) HPS® 7000 PRO-H2: 1,880 g (±5 %)
Material, outer shell	Composite consisting of fibreglass-reinforced plastic (PA-GF) and additionally reinforced with aramid webbing, high-temperature-resistant
Colours	See Ordering Information
Mask connection (only for PRO version)	Option to attach any adapter mask, e.g. Dräger FPS® 7000, adjustable to four positions
Interior fitting	Flame-resistant and washable 4-point harness made of Nomex®, sweat band of eco-leather, head support ring with wheel-adjustment system (patent pending), integrated comfort hairnet, fixing lever for facial protection visor and communication adapter
Facial protection visor	2.5 mm polyether sulphone, anti-scratch coated (optional), approved acc. to EN 14458:2004 with the options -40 °C, T, K, #, UV 2-4, IR 4-4 depending on versions: clear, clear with anti-scratch coating or gold-coated
Protective goggles (only for PRO version)	2.5 mm polyether sulphone with softpad edge protection, anti-scratch coated (optional), approved acc. to EN 14458:2004 with the options -40 °C, T, K, # depending on version: clear or clear with anti-scratch coating, adjustable to two positions
Approvals, helmet	EN 443:2008 (type B 3b, C, E2, E3, -40 °C), mask-helmet combination acc. to DIN 58610

Helmet lamp HPS® 7000

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
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
Protection class	IP 67
Approval HPS® 7000 helmet lamp	IECEx: Ex ib IIC T4/T3 Gb ATEX: II 2G Ex ib IIC T4/T3 Gb

Ordering Information

Dräger HPS® 7000, with matt-black front plate	Order No. H1	Order No. H2
Dräger HPS® 7000 luminescent	R 79 170	R 79 400
Dräger HPS® 7000 white	R 79 171	R 79 401
Dräger HPS® 7000 red	R 79 172	R 79 402
Dräger HPS® 7000 bright yellow	R 79 173	R 79 403
Dräger HPS® 7000 zinc yellow	R 79 174	R 79 404
Dräger HPS® 7000 bright orange	R 79 175	R 79 405
Dräger HPS® 7000 signal blue	R 79 176	R 79 406
Dräger HPS® 7000 black	R 79 177	R 79 407
Dräger HPS® 7000 white aluminium	R 79 178	R 79 408
Dräger HPS® 7000 chrome	R 79 179	R 79 409

Ordering Information

Dräger HPS® 7000 PRO, with helmet shell and front plate in same colour	Order No. H1	Order No. H2
Dräger HPS® 7000 PRO luminescent/luminescent	R 79 180	R 79 410
Dräger HPS® 7000 PRO white/white	R 79 181	R 79 411
Dräger HPS® 7000 PRO red/red	R 79 182	R 79 412
Dräger HPS® 7000 PRO bright yellow/bright yellow	R 79 183	R 79 413
Dräger HPS® 7000 PRO zinc yellow/zinc yellow	R 79 184	R 79 414
Dräger HPS® 7000 PRO bright orange/bright orange	R 79 185	R 79 415
Dräger HPS® 7000 PRO signal blue/signal blue	R 79 186	R 79 416
Dräger HPS® 7000 PRO black/black	R 79 187	R 79 417
Dräger HPS® 7000 PRO white aluminium/white aluminium	R 79 188	R 79 418
Dräger HPS® 7000 PRO chrome/chrome	R 79 189	R 79 419
Dräger HPS® 7000 PRO, with matt-black front plate		
Dräger HPS® 7000 PRO luminescent/matt black	R 79 250	R 79 420
Dräger HPS® 7000 PRO white/matt black	R 79 251	R 79 421
Dräger HPS® 7000 PRO red/matt black	R 79 252	R 79 422
Dräger HPS® 7000 PRO bright yellow/matt black	R 79 253	R 79 423
Dräger HPS® 7000 PRO zinc yellow/matt black	R 79 254	R 79 424
Dräger HPS® 7000 PRO bright orange/matt black	R 79 255	R 79 425
Dräger HPS® 7000 PRO signal blue/matt black	R 79 256	R 79 426
Dräger HPS® 7000 PRO black/matt black	R 79 257	R 79 427
Dräger HPS® 7000 PRO white aluminium/matt black	R 79 258	R 79 428
Dräger HPS® 7000 PRO chrome/matt black	R 79 259	R 79 429
Further versions of the Dräger HPS® 7000 PRO are available on request, via modular system number	R 79 190	R 79 390
Accessories / Spare parts		
Neck protection Nomex®, aluminium	R 79 145	R 79 145
Neck protection Nomex®, short	R 79 146	R 79 146
Neck protection Nomex®, Dutch version, three-layer	R 79 147	R 79 147
HPS® 7000 helmet lamp LED, integrated	R 79 013	R 79 013
For HPS® 7000 and HPS® 7000 PRO, to attach the integrated LED helmet lamp, order separately: kit front plate for HPS® 7000 helmet lamp	R 79 226	R 79 226
Lamp holder HPS® 7000 (for helmet lamps Dräger PX 1)	R 79 129	R 79 129

Ordering Information

Helmet lamp Dräger PX 1 LED		R 62 350	R 62 350
HPS® 7000 facial protection PESU, clear		R 79 239	R 79 463
HPS® 7000 facial protection PESU AS (anti-scratch coated), clear		R 79 260	R 79 464
HPS® 7000 facial protection PESU, gold		R 79 262	R 79 465
HPS® 7000 eye protection PESU, clear		R 79 231	R 79 460
HPS® 7000 eye protection PESU AS (anti-scratch coated), clear		R 79 267	R 79 461
HPS® 7000 eye protection PESU, tinted		R 79 270	R 79 444
		(in preparation)	(in preparation)
Reflective stripes, back	silver	R 79 284	R 79 466
	red	R 79 141	R 79 467
	yellow	R 79 142	R 79 468
	blue	R 79 143	R 79 469
	orange	R 79 169	R 79 470
Reflective stripes, service grade		R 79 006	R 79 006

Notes

CORPORATE HEADQUARTERS

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