

Dräger HPS 7000 Firefighter's Helmet

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 you optimum protection during every operation.



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 as 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 safety mechanism on the outer shell, even with wet and thick gloves.

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 integrated softpad 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.



D-595562-2012

HPS 7000 PRO
With integrated helmet lamp and separate helmet lamp



D-595562-2012

Dräger HPS 7000
Basic version with facial protection visor

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 light-weight 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.

HPS 7000 HELMET LAMP (OPTIONAL)

Integrated 3W high-performance lamp with LED technology

FRONT PLATE

Matt black or helmet colour, with or without reflective foil and marking

ADAPTER FOR COMMUNICATION SYSTEMS

To connect various communication systems

LAMP HOLDER (OPTIONAL)

To attach an external lamp, on the right/left

HELMET SHELL

Made of high temperature resistant composite material

INTERNAL FITTING

Skin friendly materials, washable

HARNES

Adjustable chin and neck straps with Nomex padding



D-59562-2012



D-54544-2012

Dräger HPS 7000

basic version with facial protection visor and short Nomex neck protection



D-54560-2012

Dräger HPS 7000 PRO

with standard front plate with reflective foil and logo, includes protective goggles



D-54582-2012

Dräger HPS 7000 PRO

with protective goggles, facial protection visor, integrated HPS 7000 helmet lamp and neck protection, neck curtain

FACIAL PROTECTION VISOR

Integrated, clear – anti-scratch or gold-coated as option

PROTECTIVE GOGGLES (ONLY FOR PRO VERSIONS)

Integrated, clear – anti-scratch coated or tinted as option

MASK-HELMET CONNECTION

Adjustable, universal mask receptacle

EYES PROTECTION LEVER

Operation of the eye protection visor on both sides

REFLECTIVE STRIPS (OPTIONAL)

Made of flame-proof material, silver

ADJUSTMENT WHEEL

Adjust the head size from the outside

NECK PROTECTION HOLDER

Attach various neck protections via snap system

**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 glass fibre and aramide webbing resists extreme temperatures. It is even able to withstand the enormous radiation heat and flame engulfment of a flash-over. The visors 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

strips 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 due to the minimum number of components. The entire interior fitting can be removed and re-installed 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.



Dräger HPS 7000 PRO
with patented wheel adjustment system



Dräger HPS 7000 PRO
with neck protection, neck curtain made of Nomex and external lamp

ACCESSORIES

NECK PROTECTION | LAMP | LAMP HOLDER

Thanks to a plug-in system, each **neck protection** can be attached quickly and securely.

D-56193-2012



Aluminium/ Nomex
Aluminium-coated
with back made of
Nomex III
R 79 145

D-56194-2012



Nomex
Short and tight
fit, Nomex with
fluorocarbon
R 79 146

D-56192-2012



Nomex
Version with neck curtain - three-layer, high-quality
Nomex/aramide webbing, especially for internal
intervention and resistant to many acids and alkalis
R 79 147

ST-10109-2006



Washing bag
To wash the
HPS 7000 in the
washing machine
6570003

D-56195-2012



Helmet cover HPS 7000
To mechanically
protect the helmet
during operation
R 79 279

D-56209-2012



Helmet tote
For transport and storage
of up to 2 helmets and
accessories
R 58 555

D-1131-2010



Lamp Dräger PX1 LED
High-performance lamp
with new LED technology
R 57 815

D-1131-2010



Lamp Dräger PX1 XENON
Helmet lamp with highest
EX protection class
R 57 816

D-56204-2012



Lamp holder HPS 7000
To attach an
external lamp
R 79 129

D-56209-2012



**HPS 7000
helmet lamp LED**
Integrated
R 79 013

FRONT PLATE | PAINT REPAIR KITS

The front plates are supplied in different helmet shell
colours - see the following figures.

D-72766-2013



R 79-
-249 -242 -241 -276 -244 -245 -246 -243 -247 -248

D-542-2009



Paint repair kits
(Colour selection, see front plates)

OTHER ACCESSORIES

Additional **accessories** provide even greater protection to the wearer.

D-56197-2012



Facial protection H1-PESU
Available as version
Clear **R 79 239**
Clear, anti-scratch coated
R 79 260
Gold-coated **R 79 262**

D-56198-2012



Eye protection H1-PESU
Available as version
Clear **R 79 231**
Clear, anti-scratch coated
R 79 267
Tinted **R 79 270**

ST-13371-2008



Anti-fog agent
For all visors
R 56 542

ST-13351-2008



Additional pad
For head sizes
50 to 51
R 79 063

ST-15192-2008



**Adapter ring for
Savox coms**
R 56 828

Dräger HPS 7000:	with integrated facial protection (clear), equipped with front plate in matt black, without integrated protective goggles, without mask adapter and without option to attach an external lamp. Integrated HPS 7000 helmet lamp can be retrofitted as an option.
Dräger HPS 7000 PRO:	with integrated facial protection (clear) and protective goggles (clear), equipped with front plate in matt black or helmet colour, with mask adapter and option to attach an external lamp or the integrated HPS 7000 helmet lamp. Includes reflective strips on the helmet back.

ORDERING INFORMATION

Dräger HPS 7000, size 1 with matt black front plate	Order No.
Dräger HPS 7000 luminescent	R 79 170
Dräger HPS 7000 white	R 79 171
Dräger HPS 7000 red	R 79 172
Dräger HPS 7000 bright yellow	R 79 173
Dräger HPS 7000 zinc yellow	R 79 174
Dräger HPS 7000 bright orange	R 79 175
Dräger HPS 7000 signal blue	R 79 176
Dräger HPS 7000 black	R 79 177
Dräger HPS 7000 white aluminium	R 79 178
Dräger HPS 7000 chrome	R 79 179
Dräger HPS 7000 PRO, size 1 with helmet shell and front plate in same colour	
Dräger HPS 7000 PRO luminescent/luminescent	R 79 180
Dräger HPS 7000 PRO white/white	R 79 181
Dräger HPS 7000 PRO red/red	R 79 182
Dräger HPS 7000 PRO bright yellow/bright yellow	R 79 183
Dräger HPS 7000 PRO zinc yellow/zinc yellow	R 79 184
Dräger HPS 7000 PRO bright orange/bright orange	R 79 185
Dräger HPS 7000 PRO signal blue/signal blue	R 79 186
Dräger HPS 7000 PRO black/black	R 79 187
Dräger HPS 7000 PRO white aluminium/white aluminium	R 79 188
Dräger HPS 7000 PRO chrome/chrome	R 79 189
Dräger HPS 7000 PRO, size 1 with matt black front plate	
Dräger HPS 7000 PRO luminescent/matt black	R 79 250
Dräger HPS 7000 PRO white/matt black	R 79 251
Dräger HPS 7000 PRO red/matt black	R 79 252
Dräger HPS 7000 PRO bright yellow/matt black	R 79 253
Dräger HPS 7000 PRO zinc yellow/matt black	R 79 254
Dräger HPS 7000 PRO bright orange/matt black	R 79 255
Dräger HPS 7000 PRO signal blue/matt black	R 79 256
Dräger HPS 7000 PRO black/matt black	R 79 257
Dräger HPS 7000 PRO white aluminium/matt black	R 79 258
Dräger HPS 7000 PRO chrome/matt black	R 79 259
Further versions of the Dräger HPS 7000 PRO are available on request, via modular system number.	R 79 190
Accessories / Spare Parts	
Neck protection Nomex/Aluminium	R 79 145
Neck protection Nomex, short	R 79 146
Neck protection Nomex, neck curtain, three-layer	R 79 147
HPS 7000 helmet lamp LED, integrated	R 79 013
For HPS 7000 and HPS 7000 PRO, to attach the integrated LED helmet lamp, order separately:	
E-kit front plate for HPS 7000 helmet lamp	R 79 226
Lamp holder HPS 7000 (for helmet lamps Dräger PX 1)	R 79 129
Helmet lamp Dräger PX 1 LED	R 57 815
Helmet lamp Dräger PX 1 XENON	R 57 816
HPS 7000 facial protection H1-PESU, clear	R 79 239
HPS 7000 facial protection H1-PESU AS (anti-scratch coated), clear	R 79 260
HPS 7000 facial protection H1-PESU, gold	R 79 262
HPS 7000 eye protection H1-PESU, clear	R 79 231
HPS 7000 eye protection H1-PESU AS (anti-scratch coated), clear	R 79 267
HPS 7000 eye protection H1-PESU, tinted	R 79 270
Reflective strips, silver, back	R 79 005
Reflective strips, service grade	R 79 006

ORDERING INFORMATION

Pad for head size 50/51 (to reduce the size of the harness)	R 79 063
Adapter ring for SAVOX coms R	R 56 828
Helmet bag	R 79 276
Helmet cover	R 79 279
Helmet bag (for transport and storage of up to 2 helmets)	R 58 555
Anti-fog agent	R 56 542
Washing bag	65 70 003
Front plate in all helmet colours	Available on request
Leakage repair sets, in all helmet colours (except chrome)	Available on request

TECHNICAL DATA

Dräger HPS 7000

Size	2 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 (available 2014)
Weight	HPS 7000- H1: approx. 1,380 g (±5%), HPS 7000 PRO-H1: approx. 1,580 g (±5%)
Material, outer shell	Composite consisting of glass fibre reinforced plastic (PA-GF) and additionally reinforced with aramide webbing, high temperature resistant
Colours	See Order Information
Mask connection (only for PRO version)	Option to attach any adapter mask, e.g. Dräger FPS 7000, 4 positions adjustable
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 (±40 °C, T, N, K, AT, R, E3) clear or gold-coated version
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 (±40 °C, T, N, K, AT, R, E3), clear or tinted version, 2 positions adjustable
Approvals, helmet:	EN 443:2008 (type B 3b, C, E2, E3, -40 °C), mask-helmet combination acc. to DIN 58610

Helmet lamp HPS7000

Material	Glass fibre 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



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.