

## Dräger HPS 6200 Firefighter's helmet

The Dräger HPS 6200 – a firefighter's helmet in a class of its own. Optimum protection even at extreme temperatures. High wearing comfort and a good climate inside the helmet. A wide range of accessories is available to complete the head-protection system.



D-13796-2009

- Maximum protection against penetration or impact
- Helmet made of high-temperature-resistant aramide duroplastic
- Visor made of high-temperature-resistant polysulfone material
- Quick-adjustment system with self-securing mechanism of the full face mask Dräger FPS® 7000
- At the moment the lightest helmet according to EN 443:2008 - Type B

### DEVELOPED WITH OUR CUSTOMERS

In close cooperation with our customers worldwide, we have developed the Dräger HPS 6200 firefighter's helmet. The full shell helmet Dräger HPS 6200 has been specially designed to meet the requirements of the new standard EN 443:2008 - Type B and is at the moment the lightest helmet of its kind presently on the market that is approved to this standard.

### FLAME-RESISTANT, ROBUST HELMET SHELL

The helmet shell of high-temperature-resistant duroplastic – additionally reinforced by state-of-the-art aramid fabric – withstands even the most intense heat from open flames or radiant sources. Thus, the helmet offers maximum protection against penetration as well impact even under the influence of extreme heat.

The helmet shell is pressed using the SMC process, then provided with an optimized, particularly durable paint coating – a process that also assures inherent fire protection. As a result, the Dräger HPS 6200 is virtually unbeatable in terms of robustness and paint-bonding.

### TEMPERATURE-RESISTANT ANTI-SCRATCH VISOR

The visor of the Dräger HPS 6200 – made of highly thermally stable polysulfone material – has been extended down to the chin area and thus offers protection for the entire face (approved according to EN 14458 and classified as 'face protection'). The amber-tinted visor is equipped with an anti-scratch coating on both sides and is available with or without gold coating for



D-12272-2009



D-13205-2009

applications with high infrared (IR) radiation.

#### OPTIMUM, USER-FRIENDLY WEARING COMFORT AND BETTER CLIMATE

The supreme, unsurpassed wearing comfort of the Dräger HPS 6200 is achieved by an advanced 3-point harness together with an ergonomic and skinfriendly padding. The harness can be adjusted individually by means of straps (in the neck area) and easy-to-adjust Velcro fastening (in the chin area). The protective padding (made of Nomex material) in the cheek and ear area guarantees great acoustic sensitivity and optimum wearing comfort at the same time. The harness is made of fireproof and washable Nomex/Aramide fabric, the headband of washable eco-leather.

To make the helmet suitable for smaller head sizes (50 and 51) too, an additional padding element can easily be integrated into the helmet shell. The integrated flame- and heat-barrier guarantees a steady pleasant climate inside the helmet – even when temperatures are rising.

#### A SYSTEM SOLUTION FROM ONE SOURCE: THE MASK-HELMET ADAPTION SYSTEMS DRÄGER Q-FIX AND S-FIX

The Dräger firefighter's helmet Dräger HPS 6200 and the full-face mask Dräger FPS® 7000 have been designed to perfectly fit together. By combining the two system components, maximum protection and ergonomics in terms of head and breathing protection are guaranteed. The Q-Fix version allows you to quickly and easily attach and use the Dräger FPS® 7000 full-face mask, while ensuring optimum

safety. The unique, patented and self-securing mask-helmet combination offers the maximum protection and wearing comfort.

#### A WIDE RANGE OF ACCESSORIES

The wide range of accessories available allows you to optimally adjust the helmet to the different applications of fire brigades and departments. Beside the well-known trapezoid-shaped front plate, an optimized designed 'Romanic' version is available, too. The frontplate is particularly suited to attach customer-specific identification features and symbols. For more safety and to facilitate the localization of wearers in poor visibility conditions, reflective strips are available in different design styles made of flame-retardant material. Neck curtains are also available in different versions in terms of design and materials, ensuring optimum protection in the neck/throat area against thermal and mechanical stress. Furthermore, a wide range of accessories is available, like e.g. communication systems and helmet lamps. They are easy in assembling in case of special adapters.

D-6992-2009



Dräger HPS 6200  
with S-Fix-adapter

D-6990-2009



Dräger HPS 6200  
with Q-Fix-adapter

## DRÄGER HPS 6200

### OUTER SHELL

Made of temperature-resistant duroplastic, reinforced by aramid fabric

### REFLECTIVE STRIPS (OPTIONAL)

Made of flame-resistant material, available in different designs

### FRONT PLATE

Available in different versions

### VISOR

With anti-scratch coating, amber-tinted, available with/without gold coating

### HEADBAND

Washable and easily replaceable

### INNER LINE

Flame-resistant, washable Nomex material

### CHINSTRAP

Extended, adjustable Velcro strap

### FASTENING SYSTEM

Heat-resistant, ergonomic plug-in fastener



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## TECHNICAL DATA

### Dräger HPS 6200

Size:	universal size, continuously adjustable for head sizes 52 to 64 or optionally 50/51 (when used with additional pad)
Weight:	approx. 1365 g
Outer shell:	GRP = glass-fiber reinforced duroplastic with aramid fibres, high-temperature-resistant, specially SMC pressed
Colors:	see order information, further color combinations on request
Mask connection:	suitable for connection of the Dräger FPS® 7000 masks and masks with Supra-adapter
Inner liner:	flame-resistant, washable harness made of Nomex, headband of "eco-leather" head support ring with quick-adjustment system for wearing of full-face masks with hairnet or 5-point harness
Fastening system:	3-point chinstrap of Nomex/Aramide with padding, Velcro fastener and quick-release buckle
Visor:	2 mm polysulfone (amber-tinted), anti-scratch coating and grip tabs on both sides approved to EN 14458; 2nd visor version (as described above), but gold-coated
Insulation resistance:	E2, E3
Radiant heat:	14 kW/m <sup>2</sup>
Low-temperature stability:	down to -40 °C
Approvals and tests:	EN 443:2008, shipping approvals acc. to SOLAS and MED, Russian fire service approval, mask-helmet combination according to DIN 58610, Nord Test (as Dräger HPS 6100)

ACCESSORIES

NECK CURTAIN | LAMP | LAMP HOLDER

The **neck curtains** are easily, quickly and securely attached using the plug-in system.

Dräger **lamps** are exceptionally bright, particularly light in weight, and robust.



**Nomex/ Aluminium**  
Aluminized with reverse side of Nomex III  
**R 56 622**



**Nomex/ Belgian type**  
Four-layer, high-quality Nomex/Aramide fabric, antistatic, resistant to many acids, alkalis and alkaline solutions  
**R 56 621**



**Wool**  
Long (Dutch type), 100% wool, oil- and water-repellant, flame-retardant, edged at bottom with Nomex III  
**R 56 623**



**Nomex**  
Short and tight fitting, Nomex impregnated with fluorocarbon  
**R 56 620**



**Lamp Dräger PX1 Xenon**  
Robust, high-temperature-resistant lamp with Ex-approval  
**R 57 816**



**Lamp Dräger PX1 LED**  
Robust, high-temperature-resistant lamp with Ex-approval, long life-time due to LED-technology  
**R 57 815**



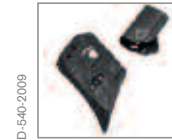
**Lamp holder S-Fix**  
Of high-temperature-resistant black plastic  
**R 56 700**



**Leather**  
Protection against embers, ashes etc.  
**R 57 405**



**Nomex Holland-version**  
Three-layer, high-quality Nomex-fabric  
**R 58 015**



**Lamp holder Q-Fix**  
Made of high-temperature-resistant black plastic  
**R 56 950**

REFLECTIVE STRIPS | FRONT PLATE | PAINT REPAIR KITS

All **reflective strips** are self-adhesive, high-temperature-resistant and easily placeable.

The **front plates** are available in different colors and equipped with extra rubber rings.



**Reflective strips (special design)**  
Style Wing 1  
Lemon-yellow  
**R 56 198**  
Ruby-red  
**R 56 199**



**Reflective strips (special design)**  
Style Wing 2  
Lemon-yellow  
**R 56 396**  
Ruby-red  
**R 56 397**



**Set of reflective strips**  
Silver  
**R 56 029**  
Yellow  
**R 56 141**  
Adhesive template set  
**R 56 120**



**R 56-**  
-012 -020 -011 -013 -044 -017 -018 -014 -029



**Paint repair kits**  
(For color selection, please refer to the front plates)

FURTHER ACCESSORIES

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



**Additional pad**  
For head sizes 50 to 51  
**R 56 072**



**Anti-fog agent**  
For all visors  
**R 56 542**



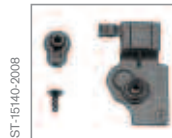
**Replacement visor**  
Anti-scratch (AS/AS) coating on both sides  
**R 57 410**



**Safety goggles**  
Black, visor of polycarbonate (2 mm), anti-scratch and anti-fog coating, optical class 2 and ballistic protection class B, accor. to EN 166  
**R 56 076**



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



**Adapter for communication system**  
Right  
**R 56 825**  
Left  
**R 56 826**



**Mask adapter retrofit kit Q-Fix**  
Fixing to position points on the helmet instead of the mounted plate for S-Fix  
**R 56 824**



**Replacement (anti-scratch) visor**  
Gold-coated visor of 2 mm polysulfone  
**R 57 409**

## ORDER INFORMATION

### Base version of Dräger HPS 6200 with 'Romanic' front plate (color: matt black)

Dräger HPS 6200 (luminescent)	R 57 255
Dräger HPS 6200 (pure white)	R 57 256
Dräger HPS 6200 (red)	R 57 257
Dräger HPS 6200 (signal blue)	R 57 258
Dräger HPS 6200 (zinc yellow)	R 57 259
Dräger HPS 6200 (black)	R 57 260
Dräger HPS 6200 (bright yellow)	R 57 261

(Further helmet colors with 'Romanic' front plate on request)

### Base version of Dräger HPS 6200 (matt black helmet front plate)

Dräger HPS 6200 (luminescent)	R 56 550
Dräger HPS 6200 (white)	R 56 530
Dräger HPS 6200 (red)	R 56 540
Dräger HPS 6200 (blue)	R 56 560
Dräger HPS 6200 (zinc yellow)	R 56 570
Dräger HPS 6200 (black)	R 56 580
Dräger HPS 6200 (bright yellow)	R 56 590

### Further versions of Dräger HPS 6200 (helmet shell and helmet front plate in same color)

Dräger HPS 6200 (luminescent)	R 56 566
Dräger HPS 6200 (white)	R 56 576
Dräger HPS 6200 (red)	R 56 586
Dräger HPS 6200 (blue)	R 56 596
Dräger HPS 6200 (zinc yellow)	R 56 606
Dräger HPS 6200 (black)	R 56 616
Dräger HPS 6200 (bright yellow)	R 56 626

(Further colors for helmet shell and helmet front plate on request)

### Further versions of Dräger HPS 6200 (modular assembly)

Further versions of the modular system on request	R 56 610
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(Versions with fix order codes will be delivered with S-Fix-adapter.)

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#### Dräger HPS 6200

With 'Romanic' front plate, clear visor and design reflective strips.  
Neck curtain: Scarf version

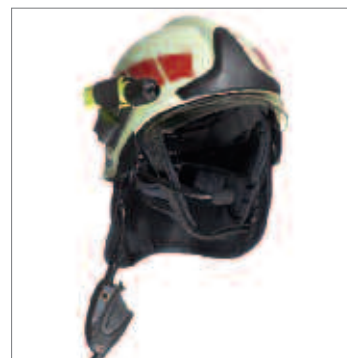
ST-6975-2009



#### Dräger HPS 6200

With standard front plate and gold visor.

D-6996-2009



#### Dräger HPS 6200

With 'Romanic' front plate, clear visor, reflective stripes und communication system

## ORDER INFORMATION

### Spare parts

Amber-tinted visor made of polysulfone (2 mm)	R 57 410
Gold-coated visor made of polysulfone (2 mm)	R 57 409
Spare parts set for mask attachment	R 56 144
Flame and heat barrier	R 56 534
Chinstrap with Velcro fastening	R 56 536
Head support ring for sizes 52 to 64	R 56 052
Sweat band made from "eco-leather"	R 56 070
Hairnet	R 56 104
Screw set	R 56 541
Helmet bag (suitable for up to two helmets and accessoires)	R 58 555

### Front plates

Dräger HPS 6200 front plate, luminescent	R 56 018
Dräger HPS 6200 front plate, pure white (RAL 9010)	R 56 011
Dräger HPS 6200 front plate, red (RAL 3000)	R 56 014
Dräger HPS 6200 front plate, signal blue (RAL 5005)	R 56 013
Dräger HPS 6200 front plate, zinc yellow (RAL 1018)	R 56 012
Dräger HPS 6200 front plate, deep black (RAL 9005)	R 56 017
Dräger HPS 6200 front plate, bright yellow (RAL 1026)	R 56 020
Dräger HPS 6200 front plate, 'Romanic' version (available in matt black only)	R 57 289

### Paint repair kits

Color: luminescent	R 56 559
Color: pure white (RAL 9010)	R 56 539
Color: red (RAL 3000)	R 56 549
Color: zinc yellow (RAL 1018)	R 56 579
Color: black (RAL 9005)	R 56 589
Color: signal blue (RAL 5005)	R 56 569
Color: sulfur-yellow (RAL 1016)	R 56 599
Color: bright yellow (RAL 1026)	R 56 531
Color: orange, luminescent (RAL 2005)	R 56 532
Color: aluminum-gray (RAL 9006)	R 56 533

### HEADQUARTERS

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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.