

Dräger PARAT[®] 3100 Filtering Escape Device

The Dräger PARAT[®] 3100 is a half mask escape device equipped with a multi-gas ABEK15 filter. Packed in a robust and ergonomic case, the unit is compact and easy to carry. Approved to the only recognized standard for filtering industrial escape devices (DIN 58647-7), it provides users a minimum of 15 minutes escape time.

TPE sealing strap

- Easy to open and close: allows for quick and easy filter replacement

Integrated belt clip

- For safe and comfortable carrying of the device on the body
- Additional carrying accessories available

Transparent backplate

- Visual inspection possible
- Filter expiration date easy to read

Info label on the inside

- Protected against abrasion
- Easy to understand pictograms



Traction grip areas

- Slip-proof surfaces for safe handling – even with gloves

Half mask with two-point harness

- Easy donning, enables communication during escape



Overall lifetime

- 12 years provided the filter is exchanged every 4 years

Robust housing

- Suitable for daily use in rough work

Benefits

Proven protection for at least 15 minutes

The Dräger PARAT 3100 reliably protects the user from a wide range of toxic industrial gases for at least 15 minutes. It is approved in accordance with DIN 58647-7.

Half mask with 2-point harness

The escape device consists of a half mask with 2-point harness and an integrated ABEK15 filter. The half mask can easily be donned, which is especially important in an emergency situation. Additionally, it allows for reliable communication.

Various carrying options

The escape device is standardly equipped with a belt clip. There are four additional carrying options available: a grip clip, slip guard carabiner, shoulder strap and hand strap, keeping the PARAT 3000 series secure during daily tasks. With the exception of the grip clip, the devices can be attached together with the existing belt clip. The grip clip can be assembled after removing the belt clip from the unit.

Robust and ergonomic packaging

The ergonomic design with traction grip areas on the housing allows for easy and safe handling. The robust case provides stability and protection even under extreme working conditions.

Transparent backplate

The backplate of the PARAT 3100 is transparent and offers a clear view of the device. Service intervals are easy to keep track of as the expiration date is printed on the filter and can be easily read. Pictograms show the correct donning procedure and remain protected under the backplate against abrasion.

Low cost of ownership

The device has a 12 year overall lifetime provided that the filter is replaced every 4 years, ensuring minimal operational costs.

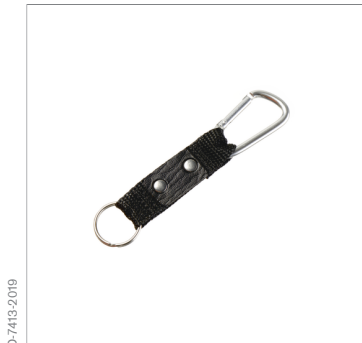
System Components



D-7270-2019

Grip clip for Dräger PARAT® 3000

The grip clip carrying option is intended for applications when a securely fastened clip is needed. With the grip clip the device can be attached to work clothes or pockets. The grip clip can easily be assembled to the PARAT® 3000 after removing the belt clip.



D-7413-2019

Slip guard carabiner for Dräger PARAT® 3000

The slip guard carabiner is a carrying option which fulfills two functions. First, the function of a carabiner hook. Secondly, it provides a drop safety for the unit. When carrying the PARAT® 3000 on a belt clip, the slip guard carabiner can be hooked onto the belt loop and in case the unit dislodges from the belt, it remains attached to the user. The slip guard carabiner can be assembled on the belt clip of the PARAT® 3000.



D-7276-2019

Shoulder strap for Dräger PARAT® 3000

The shoulder strap is suitable for recurring operations where a device is quickly carried along and the user does not have a belt. The shoulder strap can be assembled on the belt clip of the PARAT® 3000.



D-7275-2019

Hand strap for Dräger PARAT® 3000

The hand strap carrying option is optimal for short-term applications when a device needs to be accessed quickly. It allows users to carry the unit on their wrist. This option is especially popular among visitors who are on-site only for a short time. The hand strap can be assembled on the belt clip of the PARAT® 3000.

Related Products



D-7406-2019

PARAT® 3100 Training unit

This training unit is designed for users who want to practice the use of the PARAT® 3100 half mask escape device. The training unit includes an empty filter dummy, which can be hygienically cleaned after use. Additionally, the training unit is clearly marked as "For Training Only".



D-5835-2014

Dräger PARAT® 3200

The Dräger PARAT® 3200 is a mouthpiece / nose clip escape device equipped with a multi-gas ABEK15 filter. Packed in a robust and ergonomic case, the unit is compact and easy to carry. Approved to the only recognized standard for filtering industrial escape devices (DIN 58647-7), it provides users a minimum of 15 minutes escape time.

Technical Data

Filter performance	ABEK15 gas filter for protection against organic and anorganic gases and vapours, approved in accordance with DIN 58647 part 7
Duration of use	At least 15 minutes
Shelf life	4 years maintenance free, filter exchange every 4 years, total lifetime 12 years
Weight	Approx. 360 g
Dimensions (L x W x H)	170 x 110 x 75 mm
Approval	Approved in accordance with DIN 58647 part 7 (CE mark 0158)

Filter capacity according to DIN 58647-7*

Type	Test gas	Concentration in ppm	Breakthrough in ppm	Minimum breakthrough time in min
A	Cyclohexane (C ₆ H ₁₂)	2,500	10	15
B	Chlorine (Cl ₂)	2,500	0.5	15
B	Hydrogen sulphide (H ₂ S)	2,500	10	15
B	Hydrogen cyanide (HCN)	2,500	10	15
E	Sulphur dioxide (SO ₂)	2,500	5.0	15
K	Ammonia (NH ₃)	2,500	25	15
B	Hydrogen sulphide (H ₂ S)	10,000**	20	5

* Test conditions according to DIN58647-7: 30 l/min, 70 % relative humidity, 20 °C.

** To determine the breakthrough capacity of the gas filter it is additionally tested with 10,000 ppm hydrogen sulphide.

Ordering Information

Dräger PARAT® 3100	Order no.
Dräger PARAT® 3100 Half mask	37 04 476
Dräger PARAT® 3100 Training unit	37 04 881
Carrying options	
Grip clip for Dräger PARAT® 3000	37 04 420
Slip guard carabiner for Dräger PARAT® 3000	37 04 422
Shoulder strap for Dräger PARAT® 3000	37 04 520
Hand strap for Dräger PARAT® 3000	37 04 519
Replacement parts	
Replacement filter for Dräger PARAT® 3100/3200 (ABEK15)	R 57 983
Sealing strap for Dräger PARAT® 3000	R 56 319
Sealing tag Dräger PARAT® 3000 (50 pieces)	R 56 355
Belt clip (replacement) for Dräger PARAT® 3000	37 02 205
Filter dummy for Dräger PARAT® 3000 Training unit	R 58 345

Notes



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