

# Dräger PARAT® 3160 Filtering Escape Device

Dräger PARAT® 3160 half mask escape device with a multi-gas ABEK15 filter is approved to the recognized standard for industrial escape devices (DIN 58647-7). It provides a minimum of 15 minutes escape time. Compared to PARAT® 3100, the half mask and filter are vacuum-sealed in an aluminum barrier bag, making it better suited for tropical climate zones.



## Benefits

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### **Proven protection against a variety of harmful gases**

The multi-gas ABEK15 filter provides reliable protection against multiple toxic gases and harmful fumes.

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### **Half mask with 2-point harness**

Quick, easy and secure donning in an emergency situation. The half-mask additionally allows for good communication.

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### **Robust, ergonomic carrying case**

The ergonomic design with slip-proof gripping areas on the housing allows for easy and safe handling. The belt clip makes the unit easy to carry along for daily use. The robust construction ensures stability even in rough environments.

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### **Transparent case cover**

The filter expiration date can easily be verified and the unit can be visually inspected. Making service intervals easy to handle.

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### **Protection for at least 15 minutes**

The PARAT 3160 protects the user from harmful gases and smokes for at least 15 minutes. It is approved in accordance with DIN 58647-7.

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### **Long service life**

12 years total life time, provided that the filter is replaced after 6 years, with a new filter exchange set. Ensures maximum protection at a reasonable cost.

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### **Vacuum sealed for high protection**

Mask and filter are vacuum sealed in a robust aluminum foil bag. Protects the system in a wide variety of ambient conditions.

## System Components



**Exchange Set Dräger PARAT® 3160**

## Related Products



**Dräger PARAT® 3260**

Dräger PARAT® 3260 mouthpiece / nose-clip escape device with a multi-gas ABEK15 filter is approved to the standard for industrial escape devices (DIN 58647-7). It provides a minimum of 15 minutes escape time. Compared to PARAT® 3200, the device and filter are vacuumed-sealed in an aluminum barrier bag, making it better suited for tropical climate zones.

## Technical Data

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|------------------------|---|
| Filter performance     | ABEK15 gas filter for protection against organic and anorganic gases and vapors, approved in accordance to DIN 58647 part 7 |
| Duration of use        | At least 15 minutes   |
| Shelf life             | Exchange of E-Set after 6 years, total shelf life 12 years  |
| Weight                 | Approx. 385 g (13.6 oz)   |
| Dimensions (L x W x H) | 170 x 110 x 90 mm (6.7 x 4.3 x 3.5 in)  |
| Approval               | Approved in accordance to 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 <sub>6</sub> H <sub>12</sub> ) | 2,500                | 10                  | 15                               |
| B    | Chlorine (Cl <sub>2</sub> )                   | 2,500                | 0.5                 | 15                               |
| B    | Hydrogen sulfide (H <sub>2</sub> S)           | 2,500                | 10                  | 15                               |
| B    | Hydrogen cyanide (HCN)                        | 2,500                | 10                  | 15                               |
| E    | Sulfur dioxide (SO <sub>2</sub> )             | 2,500                | 5.0                 | 15                               |
| K    | Ammonia (NH <sub>3</sub> )                    | 2,500                | 25                  | 15                               |
| B    | Hydrogen sulfide (H <sub>2</sub> S)           | 10,000**             | 20                  | 5                                |

\* Test conditions according to DIN 58647-7: 30 L/min, 70% relative humidity, 20 °C (68 °F).

\*\*To determine the breakthrough capacity of the gas filter it is additionally tested with 10,000 ml/m<sup>3</sup> hydrogen sulfide.

## Ordering Information

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| Dräger PARAT® 3160   | R 62 630 |
| Halfmask with ABEK15 filter (vacuum sealed in foil bag)  |          |
| <b>E-Set</b>   |          |
| E-Set Dräger PARAT® 3160   | R 62 626 |
| PARAT® 3000 security tag, 50 pieces each   | R 56 355 |
| <b>Accessories</b>   |          |
| Carrying strap PARAT® 3000   | R 28 175 |
| Please note, this unit is only available for sale in certain regions (pre-defined tropical climates, replacing the PARAT® 3100-1). |          |