

## The three versions of Dräger PARAT Parat 4900

**Dräger**

### INDUSTRIAL ESCAPE HOOD DRÄGER PARAT 4900

**NIOSH**



**NIOSH**

### PARAT 4920: NIOSH Approved and Independently Tested Gases & Protection

Gas / Vapour:	Test Concentration:	Minimum Service Life (min.):	Tested by:
Ammonia	1000 ppm	25 min.	NIOSH CFR 84.207
Chlorine	500 ppm	17.5 min.	NIOSH CFR 84.208
Chlorine Dioxide	500 ppm	30 min.	NIOSH CFR 84.209
Hydrogen Chloride	500 ppm	25 min.	NIOSH CFR 84.210
Hydrogen Fluoride	70 ppm	30 min.	NIOSH CFR 84.211
Hydrogen Sulfide	1000 ppm	30 min.	NIOSH CFR 84.212
Methylamine	1000 ppm	12.5 min.	NIOSH CFR 84.213
Organic Vapor Test	1000 ppm	25 min.	NIOSH CFR 84.214
Sulfur Dioxide Test	500 ppm	15 min.	NIOSH CFR 84.215
HCHO / Formaldehyde	100 ppm	40 min.	Independent / In-House Testing
HCN / Hydrogen Cyanide	500 ppm	50 min.	Independent / In-House Testing
Hg / Mercury Vapours	21.5 mg x m <sup>-3</sup>	60 min.	Independent / In-House Testing

Despite the many uses for the Parat 5500, it still has the same approval limitation as the old Parat C, which means it is not NIOSH approved. However, the new Parat 4900 has overcome this barrier. The 4900 is the first hood style APR product (click) on the market to receive a NIOSH approval for escape applications.

## The three versions of Dräger PARAT Parat 5500

**Dräger**

**FIRE ESCAPE HOOD  
DRÄGER PARAT 5500**



**\*EN Approved**

Test Gas	Concentration / ppm	Breakthrough / ppm	Minimum breakthrough time / min
CO	2,500 <sup>1)</sup>	200 <sup>2)</sup>	15
Acrolein	100	0.5	15
HCl	1,000	5	15
HCN	400	10	15

<sup>1)</sup> Additional tests with 5,000, 7,500 and 10,000 ppm

<sup>2)</sup> temporal weighted arithmetic mean during every 5 minutes

Test conditions (according to DIN 58647-7:1997):  
30 L/min, 70% rel. humidity, 20°C

Test Gas	Concentration / ppm	Breakthrough / ppm	Minimum breakthrough time / min
H <sub>2</sub> S	2,500	10	15

various carrying options All hoods are available as training hoods

# The three versions of Dräger PARAT Parat 7500



## FIRE & INDUSTRIAL ESCAPE HOOD DRÄGER PARAT 7500



**\*EN Approved**

Test Gas	Concentration / ppm	Breakthrough / ppm	Minimum break-through time / min
CO	2,500 <sup>1)</sup>	200 <sup>2)</sup>	15
Acrolein	100	0.5	15
HCl	1,000	5	15
HCN	400	10	15

<sup>1)</sup> Additional tests with 5,000, 7,500 and 10,000 ppm  
<sup>2)</sup> temporal weighted arithmetic mean during every 5 minutes

Test Gas	Concentration / ppm	Breakthrough / ppm	Minimum break-through time / min
C <sub>6</sub> H <sub>12</sub>	2,500	10	15
Cl <sub>2</sub>	2,500	0.5	15
H <sub>2</sub> S	2,500	10	15
HCN	2,500	10	15
SO <sub>2</sub>	2,500	5	15
NH <sub>3</sub>	2,500	25	15
H <sub>2</sub> S	10,000 <sup>1)</sup>	20	5

Test Gas	Concentration / ppm	Breakthrough / ppm	Minimum break-through time / min
C <sub>6</sub> H <sub>12</sub>	1,000	10	70
Cl <sub>2</sub>	1,000	0.5	20
H <sub>2</sub> S	1,000	10	40
HCN	1,000	10	25
SO <sub>2</sub>	1,000	5	20
NH <sub>3</sub>	1,000	25	50

various carrying options All hoods are available as training hoods