

► CO NO filtration

X-PLORE RD40 A1B2E2K1 Hg NO P3 RD / CO20 P3 RD cartridge



Field of application

► Operating principle

Gases and vapors are removed from ambient air by absorption (*active carbon*), water vapor is removed through impregnated active carbon (*desiccator*) and CO is transformed into CO₂ and heat with a CO catalyst (*Hopkalite*), particles are filtered by a microfiber filter.

► Mask connection

Rd40 standard thread (Rd 40mm x 1/7") according to the EN 148-1 standard

► Materials

Filter housing: aluminum with internal treatment
 Absorbing agent: active carbon, hopkalite
 Particle filter: glass microfiber, cellulose fibers, additives
 Lid: screw or rubber

► Weight

Approximately 435 grams

Type	Calibration gas	Class	Concentration	Breakthrough value	Duration
A	Cyclohexane (C6H12)	1	1.000 ppm	10 ppm	70 min
B	Chlorine (Cl2)	2	5.000 ppm	0,5 ppm	20 min
	Hydrogen sulfide (H2S)	2	5.000 ppm	10 ppm	40 min
	Hydrogen cyanide (HCN)	2	5.000 ppm	10 ppm	25 min
	Sulfur dioxide (SO2)	2	5.000 ppm	5 ppm	20 min
K	Ammonia (NH3)	1	1.000 ppm	25 ppm	50 min
Hg	Mercury vapors (Hg)	Only one class	13,1 mg/m ³	0,1 ppm	100 h <i>Maximal authorized duration: 50 hours (EN)</i>
CO	Carbon monoxide (CO)	20	2.500 ppm	200 ppm	Max. 20 min
NO	Nitric oxide (NO)	Only	2.500 ppm	5 ppm	20 min
	Nitrogen dioxide (NO2)	one class	2.500 ppm	5 ppm	20 min

Indication: 5.000 ppm = 0,5 Vol.-%

► X-plore 6300 full face mask

Connector

Solid plastic with inhalation and exhalation valve, standard Rd 40 x 1/7" thread compliant with the EN 148-1 standard

Mask body

High resistant and hypoallergenic EPDM

Visor

Anti-scratch PMMA (*Plexiglas*) with 180° field of view

Weight: Approx. 500 g

Tested and EN 136 class 2 (*CE mark*), NIOSH, AS/NZS approved

