DURAM MASK
PERSONAL ESCAPE MASK

Types of gas filters

There are different types of gas filters, specific either to a single gas or a group of gases. To select the right gas filter, you must first know the gas from which you wish to protect yourself.

A filter type is identified by a letter with anassociated colored marking.

Type	Color	Area of use
A		Organic gases and vapors with aboiling point higher than 65°C *(Solvents, hydrocarbons,alcohols, benzene, ethanol, freons, white spirit)*
B		Inorganic gases and vapors *(Hydrogen cyanide, bromine, chlorine, cyanide, chlorine dioxide, fluorine, hydrogen sulfide, carbon disulfide)*
E		Sulfur dioxide (SO2) and other acid gases and vapors *(Acrylic acid, formic acid, nitric acid, hydrogenchloride, hydrogen fluoride)*
K		Ammonia and organic amino derivatives *(DMA, DMEA, hydrazine, methylamine, MMH etc.)*

Type of filter	Test gas
A	Cyclohexane C6H12
B	Chlorine C2 Hydrogen sulfide H2S Hydrogen cyanide HCN
E	Sulfur dioxide SO2
K	Ammonia NH3

		KIMI	CHEMBAYO	KIMI PLUS 2.0	KIMAX 2.0
Gas Capacity Challenge concentration (ppm)	Organics (A)	500	500 (+DMMP)	1000	5000
	Inorganics (B)	500	500 (100 for CK)	1000	5000
	Acidic (E)	500	500	1000	5000
	Ammonia (K)	500	500	1000	5000
	Particle Filtration (%)	>99	>99.995	>94	>99.99
	Dimensions (LWH cm)	14.5x12x3.5	14.5x12x3.5	cylinder, r=5 cm h=15 cm volume=785 cm^3	cylinder, r=4.5 cm h=18 cm volume=1145 cm^3
	Weight (grams)	250	250	460	650
	Certification	CE mark	CE mark	CE mark EN 14387 ABEK 1	CE mark EN 14387 ABEK 2

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