

## Dräger WorkMaster UMEX

The WorkMaster UMEX is the right choice for protection against cryogenic hazardous substances or low concentrations of bases and acids.



Dräger WorkMaster UMEX is a re-usable, gastight chemical protection suit with externally-worn compressed air breathing apparatus. It meets all the requirements of EN 943 Part -1 and SOLAS.

The Dräger WorkMaster UMEX protects the wearer against gaseous, liquid, aerosol and solid hazardous substances. The suit is made of UMEX, which offers the highest possible degree of comfort, whilst maintaining excellent mechanical stability. The great flexibility of this material makes the protective suit ideal for dealing with refrigerated media and working in cold environments.

A modular design means that the protective suit can be tailored to meet individual customer requirements.

The Dräger WorkMaster UMEX has a gastight PUR closure system with an external chain, and is equipped with a radio pocket as standard.

The protective gloves and safety boots are connected in a gastight manner to the suit, and can easily be changed. As an alternative to fixed safety boots, the suit can also be equipped with gastight socks.

Alongside the integrated full face mask, the Dräger WorkMaster UMEX can also be equipped with a flexible, gastight face cuff, which allows the protective suit to be used with various full face masks, such as the Dräger Panorama Nova or Dräger FPS 7000.

The Dräger RV PT 120 L ventilation system means the wearer can use an adjustable airflow to control his temperature and to reduce humidity in the suit. Furthermore, the system also allows additional breathing air to be introduced from an external source. This makes it possible to extend the operating time in order to perform longer tasks.

Dräger WorkMaster Umex - another quality product from Dräger.



Dräger WorkMaster UMEX



Dräger WorkMaster UMEX with flexible, gastight face cuff

## TECHNICAL DATA

Approvals:	EN 943-1:2002 type 1b SOLAS	Industrial application Marine approval
Temperature:	-80 °C to +60 °C -5 °C to 25 °C	in use in storage
Weight:	with face cuff, approx. 5.9kg with full face mask, approx. 6.4kg	without ventilation system without ventilation system

## ORDERING INFORMATION

Dräger WorkMaster UMEX	Order No.
Dräger WorkMaster UMEX in M, L, XL, XXL	R 29 322
<b>Necessary equipment</b>	
Integrated black, gastight face cuff, or integrated attached full face mask (P, RA, PE, ESA)	
Safety boots: PVC in sizes 43, 44, 45, 46, 47/48 or Nitril-P in sizes 43, 44, 45, 46/47, 48, 49/50 or gastight socks made of flexible VITON® / butyl in sizes 41-44, 43-47, 46-49	
Chemical-resistant protective gloves made of butyl or VITON®, in sizes 9, 10, 11	
<b>Optional accessories</b>	
Ventilation & fixing clip set, ventilation system RV PT 120 L in B1, B2, B3 or B4 variants	
K-MEX® Gigant - over glove: size 14	
TRICOTRIL® - over glove: sizes 10, 11	
Gastight arm cuffs	
Cotton gloves	
CSA hanger, in T form	
Talc bag, grease pencils (2x) for closure system	
Protective bag, transport box or transport bag	
Customer-specific labeling of WorkMaster UMEX (see separate brochure, Dräger No. 90 46 022)	(available upon request)

## CHEMICAL TESTS

Chemical	permeation time (min) <sup>1)</sup>	Chemical	permeation time (min) <sup>1)</sup>
Ammonia	> 480	Sodium hydroxide solution (40%)	> 480
Chlorine	> 480	n-Heptane <sup>2)</sup>	> 480

For further resistance values, go to [www.draeger.com/voice](http://www.draeger.com/voice)

VITON® is a registered trademark of the company DUPONT DOWELASTOMERS

TRICOTRIL® is a registered trademark of Kächele-Cama Latex GmbH

K-MEX® is a registered trademark of Kächele-Cama Latex GmbH

<sup>1)</sup> Test chemicals from EN 943-1:2002

<sup>2)</sup> Time according to DIN EN ISO 6529:2003-01 up to permeation speed of 1.0µg/cm<sup>2</sup>/min

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