

PERSONAL PROTECTIVE EQUIPMENT

Persons handling chemicals must always wear proper chemical Personal Protection Equipment (PPE) for the task being performed. MARICHEM MARIGASES with its great experience has chosen and provides such equipment for the safety of your staff on board.

MARICHEM FULL FACE PROTECTIVE MASK

Order No: 710811

FILTER ABEK2P3SL FOR FULL FACE MASK

Order No: 710815

Marichem Chemical Protective Full Face Mask is used with light-weight filters by a simple bayonet attachment system.

- Lightweight and well balanced.
- Silicone face-piece material.
- Easy to use.
- Wide field of vision with a scratch and chemical resistant polycarbonate lens.
- Low maintenance Flexible system.
- CE marked.
- Tested and certified as per Standard EN136.
- Complying with the provisions of Council Directive 89/686/EEC of the European Union.
- Filters available worldwide for use with the Marichem Full Face Respirators, are according EN141 ABEK2P3SL for Organic vapours, Inorganic gases, Acid gases and Ammonia.



MARICHEM CHEMICAL PROTECTIVE SUIT

Order No: 710802 - 805

MARICHEM chemical protective suit complies fully with the provisions of Council Directive 89/686/EEC of the European Union and with the requirements for PPE of category III.

Splash resistant. The hood is elasticated providing a tight fit around respirator, stitched and overtaped seams, double adhesive storm flap, elasticated cuffs, ankles and waist, 100% particle tight, excellent barrier against concentrated inorganic chemicals and biological hazards, thumb loops.

The chemical protective suit surpasses the minimum performance requirements specified in the European standards EN 463, EN 468, EN 468 modified by EN 13034.



PROTECTION TYPE	
ADDITIONAL PROPERTIES	



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MARICHEM

WORLDWIDE



MARIGASES

SERVICES

Cargo Hold Cleaning Systems

GROUP 80/71



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CHEMICAL APPLICATOR

MCM 200 COMPLETE with hoses and connections

Order No: 801010

MCM 200 is an ideal applicator for spraying chemical to the cargo holds. A solid construction in stainless steel frame, easy to handle, well protected, and equipped with quick coupling connectors. It can also be used independently for any fluid transfer. Its construction materials are suitable for use with acids, solvents, flammables, cleaning fluids, etc. Additional accessories (hoses, telescopic pole etc) are available upon request.



Inlet / Outlet ½"	(12.7mm)
Maximum flow rate	15 gpm (57 lpm)
Maximum Discharge Pressure	7.0 bar (100 psi)
Weight	19 kgs
Suction Hose w/quick coupling	½", 10 mtr length-braided
Discharge Hose w/ quick coupling	½", 50mtr length
Air Hose w/quick coupling	¼", 25 mtr

Extra Accessories for MCM-200

Description	Order Number
Suction Hose ½", 5m w/quick coupling	801111
Discharge hose 20mtr w/quick coupling	801112
Air Hose ¼", 20mtr w/quick coupling	801113

SPRAYING EQUIPMENT

TELESCOPIC POLE 8mtr w/NOZZLE PACK (3PCS)

Order No: 801116

MARICHEM'S TELESCOPIC POLE can be used at both low pressure and high pressure applications.

It is easy to handle, light weighted (just about 6.5 kgs) extendable from 2.7 mtr up-to 8 mtr, with heavy duty/high pressure hose and trigger. It can be connected to any low pressure chemical applicator for reaching at high areas. It can also be connected to any high pressure cleaning machine with maximum pressure of 250 bar/30 lpm.

The TELESCOPIC POLE is manufactured from highest quality fibreglass and comes equipped with 3 quick connect nozzles (0, 15, 45 degrees).

The TELESCOPIC POLE is compatible for use with:

- MCM 200 complete w/hoses & connectors.
- Any Marichem high pressure cleaning machine (subject to adjust the outlet hp at max.250 bar).



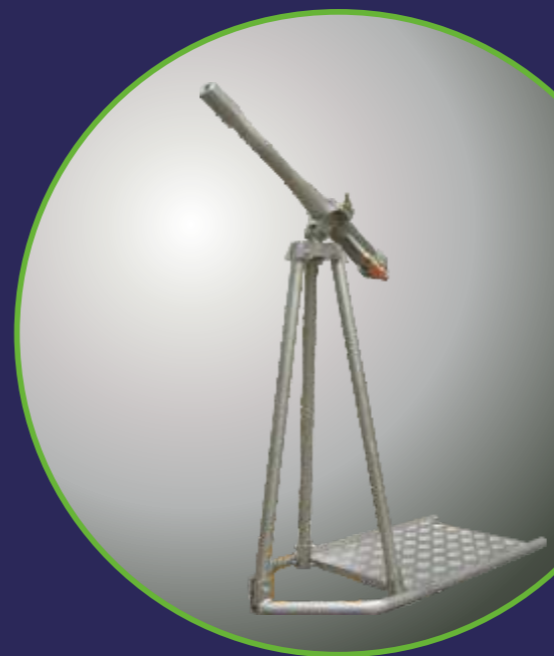
RINSING EQUIPMENT

WATER JET GUN, tripod mounted

Order No: 801131

The WATER JET GUN uses water from the vessel 's fire lines together with compressed air. The use of water together with compressed air generates a compressed jet of water reaching up-to 35-40 meters. Used for rinsing cargo residues from holds of all sizes of tankers and bulk carriers. Manufactured from Aluminum, making it easy to use, easy to transport, maintenance free.

InAir Supply	Max. 7 kg/cm ² (100 psi)
Water Pressure	Max. 6 kg/cm ² (84 psi)
Range (at above pressures)	35-40 mtrs
Air Consumption (approx.)	1.6m ³ /min
Water Hose size	2"
Air Hose	¾"
Water Hose Coupling	2" Storz type 'C' x 2" Hose Shank
Air hose Coupling	Universal – claw type
Weight	25 kgs
Dimension (packed)	145 x 60 x 20 cm



HIGH PRESSURE CLEANING

WATER & WET SANDBLASTING

Marichem Marigases High Pressure Cleaning machines range from 150 to 500 bar. They are ideal for rinsing cargo residues & for any cleaning task on board. All machines are equipped with ceramic plunger pumps, running at low RPM for long lasting life.

Standard accessories (all models):

- 10mtr high pressure hose
- Spray gun, lance, nozzle
- 10mtr electric cable
- Automatic start-stop system



MODEL	Motor Power	Max. Operating Pressure
Navijet C500E 3x400-440V, 50 or 60Hz	18.5 Kw	500 bar
Navijet C300E 3X400-440v, 3X220V, 50Hz or 60Hz	7.5 Kw	280 bar
Navijet C200E 3X400-440v, 3X220V, 50Hz or 60Hz	5.5 Kw	210 bar
Navijet C150E 230V/50Hz , 230V/60Hz, 110V/60Hz	3.0 Kw	150 bar

SLOP REMOVAL

SUBMERSIBLE PUMPS

Marichem distributes submersible pumps, pneumatic and electric, of different dimensions.

These pumps are ideal for draining cargo holds after cleaning & washing operations.

With head capacities of more than 25 mtr and compact design, they can also be used for water dilutions pumping at other areas, such as ballast tanks, bilges etc.



PRODUCT	Air Operated Submersible Pump 2540	Air Operated Submersible Pump 2550	Electric Submersible Pump 2521
Outlet	2"	2½"	2"
Max Head (mtr)	30	55	30
Max Flow at 25mtr height (cbm/hr)	40	50	21
Supply Voltage	-	-	230V/60Hz
Order Number	750301	750302	750304