#### BEMAK OTOMASYON TIC.LTD.STI. UCEVLER MH. 56. SK. AKNIL PLAZA NO 1B NILUFER BURSA - TURKEY - PHONE: +90 224 443 56 06 FAX: +90 224 443 56 07 be mak@be makotomasyon.com-www.be makotomasyon.com-www.be makelektromarket.com



# **EQUIPMENT CATALOGUE**Professional hygiene equipment from farm to fork



**CID LINES** manufactures and supplies a very wide range of sophisticated cleaning, care and desinfection aids for the transportation, food and agricultural sector. In our professional laboratories, specialised chemists and engineers continuously try to improve our products, keeping in mind your specific hygiene needs. While doing so, they apply the strictest quality control standards, such as: ISO 9001:2000 and GMP Pharma-certified production methods.

Since its foundation in 1988, **CID LINES** has shown exponential growth and the company has opened subsidiaries in France, Poland and Spain. **CID LINES** exports its products to more than 90 countries worldwide. This worldwide recognition guarantees our quality and yield.

In order to be able to guarantee an optimal quality of our products when applying them, we have added a complete material and service department to our enterprise. This catalogue gives you a global overview of the materials we have to offer. This department also helps you with the installation and maintenance of your equipment.

# **CONTENT**

	Spraying and foaming	4
	Sprays and foams: accessories	10
	Pressurization systems	14
	Area desinfection: fogging	16
0	Personal hygiene	18
	Dispensers	22
(\forall )	Dosing systems	24
	CIP (cleaning in place)	28
<b>W</b>	Animal hygiene	30
	Carwash	32
	Accessories packaging	34
	Measuring instruments	36



## LOW-PRESSURE INSTALLATIONS



#### **Pro Wash**

Designed to clean and disinfect floors and surfaces in the food industry and the institutional sector, retail and health care.

- supplied with 1 holder for 2 x 5 litre bottles + BA separator
- 2 products: for cleaning, rinsing and disinfecting

	Pro Wash
article n°	CEP200HA0000000
operating temperature:	60°C Max
working pressure	0,5 - 5 bar
mixing ratio	0,50% - 10,90%



#### **Satellite**

Satellite to be connected to the water distribution system to rinse and remove foam or to rinse and disinfect. This satellite is provided with water under low pressure and compressed air.

	SL111A	SL111Z	SL111AZ
description	LD satellite with compressed air (alkaline)	LD satellite with compressed air (acid: viton)	LD satellite with compressed air (alkaline + acid: kalrez)

## MIDDLE AND HIGH PRESSURE SATELLITE

Standard satellite for rinsing, foaming and disinfecting. This satellite is provided with water under pressure and compressed air and can be connected to any mother unit or pressure increasing network. Different versions are possible. This satellite can also be mounted on a mobile frame with or without reel.



- these satellites are delivered with a lock so they cannot be disadjusted by unauthorized persons.
- standard satellites, others are available upon request.

	SM111	SH111	SHH111
rinsing	yes	yes	yes
foaming	yes	yes	yes
disinfection	yes	yes	yes
pressure	15 - 40 bar	40 - 100 bar	100-150 bar
water connection	3/4"	3/4"	3/4"
connection compressed air	1/4"	1/4"	1/4"
water consumption when foaming/fogging	10 L	10 L	10 L
water consumption when rinsing	30/40 L	30/40 L	30/40 L
compressed air consumption	ca. 200 L/min	ca. 200 L/min	ca. 200 L/min
dimensions	400 x 350 x 200 mm	400 x 350 x 200 mm	400 x 350 x 200 mm
weight	ca. 20 kg	ca. 20 kg	ca. 20 kg

## MOBILE SATELLITE

#### Mobile satellite - middle or high pressure with compressed air

This mobile cleaning system offers a solution when it is not possible to install a fixed cleaning system throughout the company or when only a limited number of people is responsible for cleaning.

The traditional satellite is mounted on a solid stainless steel frame. This frame has 2 fixed and 2 castor wheels. It can rinse, foam and disinfect. The unit must be provided with water under increasing pressure and compressed air.

	MSM111	MSH111	MSHH111
description	mobile medium pressure satellite	mobile high pressure satellite	mobile high pressure satellite
pressure	15 - 40 bar	40 - 100 bar	100 - 150 bar

#### **OPTIONS**

	MSM111 MS30	MSM111 AS20	MSM111 AS25
description	manual stainless steel	self-rolling stainless	self-rolling stainless
	reel, 30m hose	steel reel, 20m hose	steel reel, 25m hose



#### Mobile satellite - high pressure

Mobile cleaning and disinfecting unit that can foam, rinse and disinfect with one, simple machine. This unit houses two canisters so you no longer need to waste time on transferring or exchanging products. You can easily set the handle to one of the three options. In addition, the unit enables you to work professionally while using the right concentration. The mobile unit is easy to move, very solid and is so easy to use you couldn't do without it anymore.

description	foam/disinfection cart ST164 + foam hose ST75	foam/disinfection block ST164 + foam hose ST75
article n°	0.9.890.01.000	0.9.891.01.000



# FOAM AND FOG BARRELS

#### **FOAM BARRELS - PLASTICS**

This plastic foam barrel has a content of 38 L or 95 L. A large inspection hole makes sure the barrel can easily be filled with water, combined with the right amount of foaming product. An external compressed air-controlled membrane pump (installed in the back) guarantees the perfect foam. This method avoids pressurizing the unit itself and is extremely safe. The foam barrel must be provided with compressed air (3 - 5 bar). This unit is delivered with foam hoses and lances.





	FI10NE	FI25NE
description	foam barrel PVC - EPDM	foam barrel PVC - EPDM
content	approx. 38 L	approx. 95 L
length foam hose	6 m	9 m
foam distance	4,6 m - 6 m	7 m - 9 m
working pressure	3 - 5 bar	3 - 5 bar
compressed air consumption	141 - 226 L/m	141 - 283 L/m
max. water temp.	37℃	37℃
weight (empty)	approx. 18 kg	approx. 25 kg
dimensions	483 x 406 x 1041 mm	609 x 533 x 889 mm

#### **FOAM BARRELS - STAINLESS STEEL AND METAL**



description	foam barrel 24 L stainless steel
article n°	0.9.613.01.000



foam barrel 50 L stainless steel 0.9.614.01.000



foam barrel 24 L metal 0.9.658.01.000



foam barrel 50 L metal 0.9.659.01.000

#### **FOG BARRELS**



descriptionfog barrel 24 L<br/>stainless steelarticle n°0.9.611.01.000



fog barrel 50 L stainless steel 0.9.612.01.000



fog barrel 24 L metal 0.9.609.01.000



fog barrel 50 L metal 0.9.610.01.000

## MOBILE CLEANING UNIT

This mobile cleaner is a complete and practical cleaning unit to rinse, foam and disinfect with a built-in pressure increasing pump. This cleaner can be equipped with an integrated air compressor, so the user is no longer limited by the presence of compressed air.

	MRIII	MRIIIK	MR2II	MR2IIK
users	1	1	2	2
rinsing	yes	yes	yes	yes
foaming	yes	yes	yes	yes
disinfecting	yes	yes	yes	yes
compressed air required	yes	no	yes	no



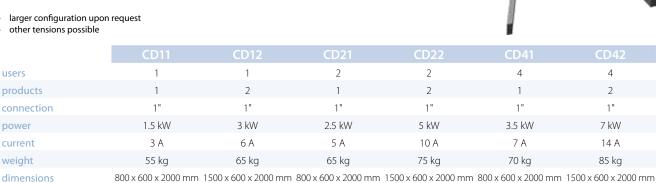
	MRIII(K)	MR2II(K)
users	1	2
water supply	3/4" connection	3/4" connection
max. water temp:	70°C	70°C
compressed air connection	1/4", 5 - 10 bar (without built-in compressor)	1/4", 5 - 10 bar (without built-in compressor)
compressed air consumption	ca. 200 L ca. 200 L	
working pressure	20,7 bar (incl. supply pressure 2 bar)	20,2 bar (incl. supply pressure 2 bar)
tension	3 x 380 V – 50Hz	3 x 380 V – 50Hz
current	3 kW (3.65 A)	4 kW (8 A)
dimensions	1400 x 510 x 1000 mm	1700 x 510 x 1000 mm
weight	ca. 105 kg	115 kg

## CENTRAL FOAMING AND DISINFECTION UNIT

Central dosing installations mix water with a cleaning agent and/or disinfectant and pump this mixture through a plastic pipeline network to central cleaning satellites. This method provides the advantage that there are no longer containers of chemical products in the production zone and that the dosing of the product can be set at one location and will remain the same for all tapping points.

We always use a stainless steel water pump with adjustable flow and plunger-membrane pump to add chemicals. Our dosing installations have an automatic start/stop control and are protected against water shortage.

tension



3 x 380, N+T, 50Hz. 3 x 380, N+T, 50Hz.



## SATELLITE CENTRAL SYSTEM

This satellite consists of a stainless steel cupboard with stainless steel control taps (entrance) on top for compressed rinsing water, chemical substances and compressed air. In the bottom of the cupboard, there are stainless steel quick couplers (exit). The cupboard contains the control equipment for the quality of the foam.

	SC110	SC111	SC120	SC121	SC020	SC011
rinse	yes	yes	yes	yes	no	no
foam 1	yes	yes	yes	yes	yes	yes
foam 2	no	no	yes	yes	yes	no
desinfection	no	yes	no	yes	no	yes



## **SPRAYERS**





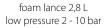
## LANCES

#### **FOAM POTS**

description

article n°





0.9.508.01.000



foam lance 1 L high pressure 40 - 150 bar 12 L/m

0.9.507.01.000



foam lance 2 L high pressure 40 - 150 bar

0.9.506.01.000



bottle foam lance 2 L high pressure

0.9.535.01.000



description article n°

backpack 5 L 0.9.552.01.000

#### **LANCES**



	foam lance	stainless steel lance 0,6 m	stainless steel lance 1 m	stainless steel lance 1,5 m	stainless steel lance 2 m
article n°	0.9.510.01.000	0.9.543.01.000	0.9.538.01.000	0.9.536.01.000	0.9.537.01.000
max bar	400	400	400	400	400
max °C	150	150	150	150	150
insulation	380 mm	300 mm	400 mm	500 mm	500 mm
length	950 cm	600 mm	1000 mm	1500 mm	2000 mm
in	1/4" m	1/4" m	1/4" m	1/4" m	1/4" m
out	foam nozzle	1/4" f	1/4" f	1/4" f	1/4" f

#### LOW / MEDIUM PRESSURE (4 - 25 BAR)









description article n°

description

article n°

yellow disinfection nozzle GES

blue rinsing nozzle BLS

white foam nozzle WIS

red aimed nozzle ROS



green eco rinsing nozzle GRS



nozzle 65/08 - thread 0.9.810.01.000



black aimed nozzle 10261

#### HIGH PRESSURE (25 BAR +)







yellow disinfection nozzle



white foam nozzle



stainless steel suspension

brace 4 nozzles

article n°

description

AK6096

GES

WIS

NB4



description nozzle 25/05 article n° 0.9.811.01.000



nozzle round jet 0.9.863.01.000

## PISTOLS

### LOW PRESSURE (0 - 10 BAR)





description	blue rubber handle	value MD 1/2" brass
article n°	0.9.532.01.000	KKS
in	nito m-part	1/2" F
out	/	ST3100 F-part protected
max °c	95°C	95°⊂
max bar	24	40
max L/min	100	40

### MEDIUM PRESSURE (15 - 40 BAR)







description	value MD 1/2" brass	pistol high pressure RL60, $1/2$ " F x $1/2$ " F	spherical plug 1/2" rubber
article n°	KKS	AK7445	AK7914
in	1/2" F	1/2" F swivel	1/2" F
out	ST3100 F part protected	1/2" F	1/2" F
max °c	95°C	100°C	95℃
max bar	40	65	60
max L/min	40	60	60

### HIGH PRESSURE (40 BAR +)









description	valves HP 1/2" stainless	high-pressure foam pistol 1/2"	pistol ST2300 with connector	handle ST1100 for stainless steel lance 1,5 m
article n°	KKSHD	AK11682	0.9.524.01.000	0.9.501.01.000
in	1/2" F	1/2" F	3/8" F	3/8" F
out	ST3100 F-part	1/2" F	alto/kew coupling	1⁄4" F
max °c	95°C	150°C	150°C	150°C
max bar	100	150	310	250
max L/min	60	100	45	30

## HOSES

LOW PRESSURE	
article n°	LB970117
length	20 m
diameter	12 x 20
coupling	aluminium brass nickel-faced



MEDIUM PRESSUR	RE HOSES					
PVC article n°	5201	5202	5203	5201-l	5202-l	5203-l
RUBBER article n°	5201-R	5202-R	5203-R	5201-RI	5202-RI	5203-RI
length	20 m	25 m	33,3 m	20 m	25 m	33,3 m
diameter	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
coupling	steel	steel	steel	stainless steel	stainless steel	stainless steel

MEDIUM PRESSURE HOSES FOR REELS						
PVC article n°	5201-W	5202-W	5203-W	5201-IW	5202-IW	5203-IW
RUBBER article n°	5201-RW	5202-RW	5203-RW	5201-RIW	5202-RIW	5203-RIW
length	20 m	25 m	33,3 m	20 m	25 m	33,3 m
diameter	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
coupling	steel	steel	steel	stainless steel	stainless steel	stainless steel

HIGH PRESSURE HOSES						
		" (NOT FOR FO	M)		1/2" (FOAM)	
article n°	10524	10642	10551	10588	10589	10591
length	20 m	25 m	30 m	20 m	25 m	33 m
diameter	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
coupling	steel	steel	steel	steel	steel	steel

HIGH PRESSURE HOSES FOR REELS						
		3" (NOT FOR FOA			1/2" (FOAM)	
article n°	10524W	10642W	10550W	10588W	10589W	10591W
length	20 m	25 m	35 m	20 m	25 m	33 m
diameter	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
coupling	steel	steel	steel	steel	steel	steel

## REELS



self-rolling stainless steel reel for 20m of hose AS 20



self-rolling stainless steel reel for 25m of hose



manual stainless steel reel for 30m of hose MS 30

description

AS 25

article n°

## **HOLDERS**



holder stainless steel 5 L can 0.9.020.01.000



holder stainless steel 2 x 5 L can 0.9.030.01.000



can holder 2 x 25 L BR225



can holder 1 x 25 L

BR125



description

description

article n°

article n°

0.9.117.01.000

## QUICK-RELEASE COUPLINGS



quick-release coupling karcher 1/4" M 0.9.851.01.000



quick-release coupling karcher 1/4" F 0.9.849.01.000



quick-release coupling karcher 3/8" M 0.9.853.01.000



quick-release coupling karcher 3/8" F 0.9.852.01.000



description

article n°

description

article n°

quick-release coupling nipple alto/kew 0.9.522.01.000

## **EXTRA**



swivel console for AS20



swivel console for AS25



foam filter foam lance VEMA 0.9.833.01.000

description
article n°

ZWAS 20

ZWAS 25

## OSTER UNITS

Booster installations are medium-pressure installations that bring water to a pressure of 20-25 bar. They are installed centrally in a technical area. From these installations, a network of pipes is derived to different tapping points or satellites.

Depending on the number of users, these installations are built with 1 or more small or large pumps. These installations always included an automatic start/stop control and they are protected against dry running and excessive water temperatures. In multi-pump installations, there are never more pumps activated than required for the necessary rate of flow. Booster installations with centrifugal pumps require very little maintenance.











## **10THER UNITS**

This mother unit is a complete cleaning system on its own, with an integrated medium-pressure pump, and sometimes also an internal satellite. It is fed with water, electricity and compressed air. Different satellites can be connected to this mother unit via a network of stainless steel pipes. Different versions are possible.

	MU111	MU211			
rinse	1	2			
foam	1"	5/4"			
desinfection	3 kW	4 kW			
number of users	1	2 - 3			
power consumption	3 kW	4 kW			
nominal current	3.65 A	8 A			
dimensions	1500 x 580 x 215 mm	1500 x 580 x 215 mm			
weight	approx. 80 kg	approx. 120 kg			
water supply	5/4"	5/4"			
connection	1/4" (5 - 10 bar)	1/4" (5 - 10 bar)			
max. water temp.	70°C	70°C			
compressed air	approx. 200 L max	approx. 200 L max			
working pressure 1 user	21.5 bar (including sup	ply pressure of 2 bar)			
working pressure 2 users	20,2 bar (including supply pressure of 2 bar)				
working pressure 3 users	18,0 bar (including supply pressure of 2 bar)				
tension	3 x 380 V – 50 Hz (other ten	sion values upon request)			



# HIGH PRESSURE INSTALLATIONS

High pressure installations are installed centrally in a technical area and they bring water under pressure to 50 - 150 bar. A pipeline network departs from these installations towards the different tapping points or satellites. Depending on the number of users, these installations are built with 1 or more small or large pumps. We always use high-pressure pumps with ceramic plungers of superior quality (CAT, SPECK or Interpump).

Our high pressure installations come with a cascade control with automatic start/stop function. They are protected against dry running and excessive water temperature. As of 2 pumps, we use a stainless steel buffer tank with level control as a physical separator from the water network. Standard, we work with 1 pump per user in order to obtain more reliability and to save energy. For larger volumes (many users) we use larger pumps. Please ask for a custom offer. Installations with lower speed pumps are also possible.



#### · larger configurations upon request

	HD1	HD2	HD3	HD4
users	1 x 23 L	2 x 23 L	3 x 23 L	4 x 23 L
pressure	100 bar	100 bar	100 bar	100 bar
connection	1/2"	3/4"	1"	1"
power	5.5 kW	2 x 5.5 kW	3 x 5.5 kW	4 x 5.5 kW
current	11.2 A	2 x 11.2 A	3 x 11.2 A	4 x 11.2 A
weight	60 kg	130 kg	190 kg	250 kg
dimensions	800 x 400 x 600 mm	1300 x 1100 x 1100 mm	1800 x 1300 x 1100 mm	1800 x 1300 x 1100 mm
tension		3 x 380 - N+T - 50 Hz (other t	ension values upon request)	

## OGGERS



Fogging is a method to disinfect areas in which the disinfectant is sprayed very finely creating a kind of mist. The transportation of air quarantees the entire area is treated. The extremely fine droplets (max. 20 micron) make sure all nooks and corners are reached.

#### **Cold foggers**

**Nebulo** is a high-quality cold fogger which is ideal for portable use. This installation has a tank content of 4 L and a fog ejection of approx. 10 m. The size of the drops can be adjusted by means of a knob regulating the rate of flow.

The Neburotor has the same characteristics as the Nebulo but a larger reach because of its 360° rotation. In other words: it can be used stationary.

Unipro 5 is the largest type in the range of cold foggers with a tank content of 26 L and a maximum consumption of 18 L / hour. The spray head can be adjusted in height and resists the most aggressive chemical substances. It has an average range of 25 to 40 m. Built on a stainless steel frame on 2 wheels.





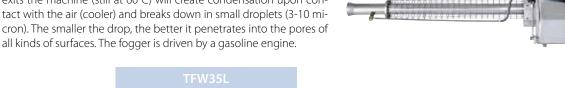


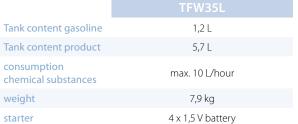
	Nebulo	Neburotor	Unipro 5
article n°	Ignebulo/230	Igneburotor/230	lgunipro5 (with timer = 475.4406.001)
tank content	4 L	4 L	26 L
electricity	230 V / 700 W	230 V / 700 W	230 V / 9,5 A
weight	3,8 kg	3,8 kg	56 kg
consumption	5 - 12 L/hour	5 - 12 L/hour	12 - 20 L/hour
dimensions	400 x 350 mm	400 x 350 mm	590 x 570 x 116 mm

#### **Thermofogger**

dimensions

Portable thermofogger. This installation heats the water combined with the disinfectant up to very high temperatures. The steam that exits the machine (still at 60°C) will create condensation upon contact with the air (cooler) and breaks down in small droplets (3-10 micron). The smaller the drop, the better it penetrates into the pores of





62 x 70 x 262 cm



#### Cold foggers - compressed air

description

article n°

Are used for disinfecting areas (cells, barns, greenhouses, corridors, ...). The product is distributed very finely. The drops are microscopically small and float through the area as a fog.





BTS resonator nozzle

Hatcher disinfection nozzle

article n° 0.9.892.01.000 0.9.955.01.000



CID CHINES
COLUMES

SHDS

single hatcher disinfection system including 2 magnetic valves and 2 reducing valves

0.9.885.01.000

multi hatcher disinfection system

system upon request

## Multi hatcher disinfection system



## **SOLE CLEANERS**



This range of stainless steel sole cleaners AISI-304 consists of a driving compartment and a brush compartment. The driving compartment has 2 engines with step-down gear (1 for each brush). These engines are started when the user passes the sensors. The rotation time for the brushes can be set.

During the process, the brushes are sprayed with water and disinfectant through a magnetic valve. The brush compartment holds 2 large brushes. Each brush consists of a stainless steel axle with different plastic holders for the bristles. Our bristles are not made of PVC but of the higher-quality blue Rilsan. The machine can be cleaned easily, without any further tools. The switchboard contains the control and complete protection (thermal and electromagnetic)- of 2 engines and is built-in.

	ZW1000	ZW1500	ZW2000
dimensions	1900 x 850 x 1250 mm	2400 x 850 x 1250 mm	2800 x 850 x 1250 mm
bristle length	1000 mm	1500 mm	2000 mm

## SIMPLE SOLE CLEANER

This sole cleaner is made of stainless steel and is provided with an injector to add disinfectant to the water supply. Upon activation, the bristles are sprayed with this product. The sole cleaner is activated manually by means of a push button in the handle.

	ZWE
power	0.70 kw
dimensions	450 x 650 x 1200 mm



## COMPACT HYGIENE STATION

This hygiene station is used for the controlled passage of employees in and out of the working environment. These machines are made of stainless steel and equipped with horizontal brushes to clean and disinfect both soles at the same time in an easy and efficient way.

The hand disinfection station for the simultaneous disinfection of the hands is integrated into the machine. By inserting both hands at the same time, two sensors activate the disinfection module. Afterwards, the access blockage is released and one person at a time can pass by the carousel. Standard, the machine is equipped with sole cleaning and hand disinfection with access control.

	ZWHDC
power	0.70 kw
bristle length	1000 mm
dimensions	1900 x 1000 x 1800 mm



## DUBLE HYGIENE STATION

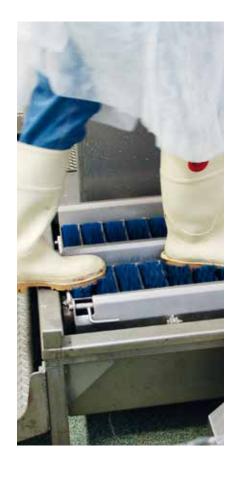


The disinfection bath consists of a stainless steel catchpit and a stainless steel walking grid. The liquid level is a few millimetre higher than the walking grid and the level is kept by means of a magnetic valve. While standing in the disinfectant, the hands are disinfected in the hand disinfection station. In the second part of the disinfection bath the grid is somewhat raised in order to be higher than the disinfectant. This is the dripping zone. The walking grid can be removed for a simple and thorough cleaning.

Upon returning from the production zone, a sole cleaner is used in combination with a carousel. This unit is available with 1000 mm or 1500 mm bristle. Entrance of the production zone: disinfection bath with hand disinfection station and carousel. Exit of production zone: sole cleaner with carousel.

option: this passage can be provided with brushes on both sides instead of a disinfection bath

	DZW1000	DZW1500	2DZW1000	2DZW1500
power	0.70 kw	0.70 kw	0.70 kw	0.70 kw
supply	3 x 400 V			
bristle length	2 x 1000 mm	2 x 1500 mm	4 x 1000 mm	4 x 1500 mm
dimensions	1900 x 1800 x 1250 mm	2400 x 1800 x 1250 mm	1900 x 1800 x 1250 mm	2400 x 1800 x 1250 mm



## **BOOT CLEANER**

This solid stainless steel construction guarantees a thorough cleaning of boots with a minimal power consumption. The boot cleaner can be used in combination with a sole cleaner or autonomously. The functional construction guarantees a quick and thorough cleaning of boots with a minimal power consumption. The rotating brushes are started by means of a sensor. Disinfectants are automatically added by means of a venturi spraying the solution onto the brushes. The machine is built entirely out of stainless steel in accordance with EC standards and complies with the highest quality requirements. The unit is delivered ready for use, except for the draining accessories.

 $\bullet \qquad \text{option: this passage can be provided with brushes on both sides instead of a disinfection bath} \\$ 





	LWA	
power	0.70 kw	0.70 kw
dimensions	700 x 585 x 1300 mm	700 x 585 x 1300 mm
brush diameter	260 mm	260 mm
brush length	310 mm	310 mm

## **BOOT DISINFECTION**

description

article n°



small disinfection mat 600 x 900 mm 0.9.209.01.000 The state of the s

large disinfection mat 1800 x 900 mm 0.9.212.01.000



disinfection basin 600 x 400 x 150 mm 0.9.349.01.000



## HAND DISINFECTION STATION

Both hands are inserted into the station. The console contains 2 sensors and 4 spray nozzles. Both hands are detected. After activation by the sensors, both hands are sprayed (top and bottom) with alcohol-based disinfectant. If this is done correctly, 1 of the LED lamps will be activated and the carousel will be unlocked. This lasts for about one second, and guarantees perfect access control.

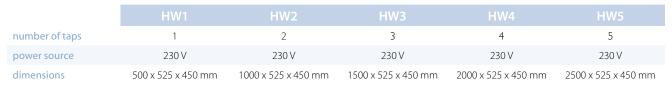
- mounted on foot upon request
- the hand disinfection station is available in 2 versions, with or without carousel
- this unit has a stainless steel cupboard in which the drive train is situated for the carousel, the stainless steel console to detect and spray hands, the steering cupboard and the pump



## WASHBASIN / WASH GUTTERS

The stainless steel washbasins are very strong and solid. They have been glass-shot blasted for a smooth surface and the rounded edges guarantee optimal hygiene. The taps are sensor-controlled. The high-quality materials guarantee a long lifespan and reliability.

- the wash gutters are available with 2 to 5 taps
- option: all wash gutters are available on foot (price upon request)





description

article n°

## **DISPENSERS**



hand soap dispenser 1,20 L - PVC 0.9.123.01.000



hand soap dispenser 1 L - stainless steel ophardt 0.9.100.01.000



hand soap dispenser LCP-T 1 L 0.9.137.01.000



soap dispenser 1 L

HS1000K



descriptiontouchless hand soap<br/>dispenser 1 Larticle n°0.9.140.01.000



cover for hand soap dispenser stainless steel 1 L 0.9.861.01.000



cover for hand soap dispenser LCP-T 1 L 0.9.860.01.000



bottle for hand soap dispenser, 1 L - ophardt 0.9.124.01.000



description stainless steel paper basket 40 L
article n° AFK40
dimensions 380 x 250 x 450 mm



hair net dispenser 3651 400 x 180 x 560 mm



universal dispenser 3032 300 x 280 x 145 mm



stainless steel paper roll dispenser 4297 280 x 250 x 400 mm

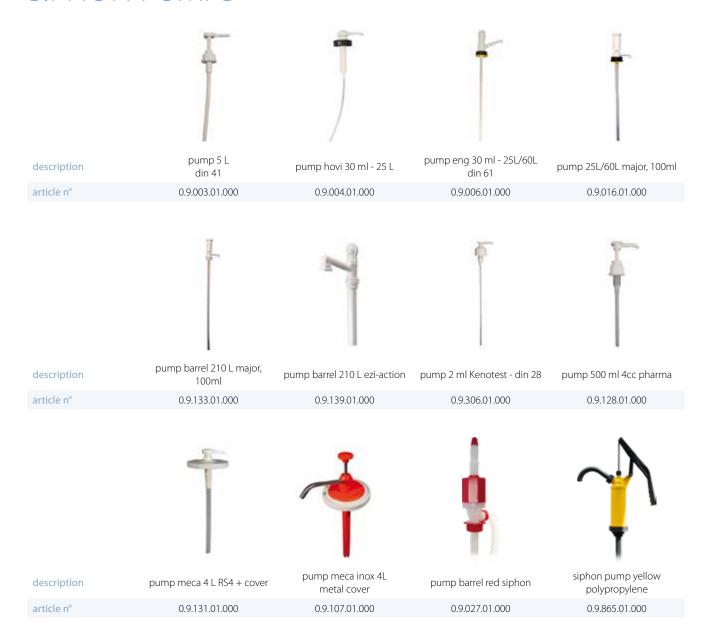


description article n°

dispenser for Mint Cream 2,5 L

0.9.872.01.000

## SIPHON PUMPS



The dosatron is connected to the water distribution network and uses the water pressure as sole driving force for the motor piston. It drives a dosage piston that aspires the concentrate at the set percentage and mixes it with the water. The solution is then distributed via the pipeline network.

#### • other types and flow rates upon request

TECHNICAL INFO	
flow rate	min 10 L/h - max 2500 L/h
working pressure	0,3 - 4 bar
water temperature	min. 5°C - max 40°C
	0,2 - 2,0 % (type D25RE2)
dosage	1,0 - 5,0 % (type D25RE5)
	3,0 - 10,0 % (type D25RE10)
connection	3/4" M
pressure loss	0,3 - 1,9 bar
maximum aspiration	4 m

		0,2 - 2,0 % (type D	ZJNLZ)	
	dosage	1,0 - 5,0 % (type D25RE5)		
		3,0 - 10,0 % (type D25RE10)		
	connection	3/4" M		
	pressure loss	0,3 - 1,9 bar		
	maximum aspiration	4 m	4 m	
	article n°	type	dosage	
	ALKALINE CONCE	NTRATES		
	0.9.400.01.000	D25RE2AF	0,2 - 2,0 %	

ALKALINE CONCENTRA	TES		
0.9.400.01.000	D25RE2AF	0,2 - 2,0 %	
0.9.401.01.000	D25RE5AF	1,0 - 5,0 %	
0.9.402.01.000	D25RE10AF	3,0 - 10,0 %	
ALKALINE CORROSIVE CONCENTRATES (EXTERNAL INJECTION)			

ALIKALINE COMMOSIVE CO	SINCLINITIALLS (EXTERN	VAL INSECTION)
0.9.403.01.000	D25RE2IEAF	0,2 - 2,0 %
0.9.404.01.000	D25RE5IEAF	1,0 - 5,0 %
0.9.405.01.000	D25RE10IEAF	3,0 - 10,0 %

ACID CONCENTRATES		
0.9.431.01.000	D25RE2VF	0,2 - 2,0 %
0.9.411.01.000	D25RE5VF	1,0 - 5,0 %

ACID CORROSIVE CONCENTRATES (EXTERNAL INJECTION)			
0.9.406.01.000	D25RE2IEVF	0,2 - 2,0 %	
0.9.407.01.000	D25RE5IEVF	1,0 - 5,0 %	
0.9.408.01.000	D25RE10IEVF	3,0 - 10,0 %	



## **ACCESSORIES DOSATROI**









description	filter dsa 350 micron
article n°	0.9.019.01.000

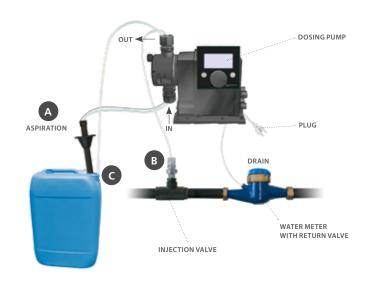
pressure reducer 3/4"
8.9.231.01.000

flow rate reducer M/F 41I/ min 3/4", brass 8.9.232.01.000

BA return valve 3/4 M x FT 8.9.233.01.000

## DOSING PUMP





## **PROMAX**

Dosing systems for filling buckets or bottles.





	Promax for buckets	Promax for bottles	
article n°	PXB1F16S0000	PXB1F04S0000	
rate of flow detergent	16 L/m	4 L/m	
working pressure	1 - 9 bar (ideally: 2 - 4 bar)	1 - 9 bar (ideally: 2 - 4 bar)	
temperature	max. 70°C	max. 70°C	
dimensions	220 x 100 x 120 mm	220 x 100 x 120 mm	
activation system	knob	sliding switch	

## PERISTALTIC PUMPS

**Seko PR 1** is a peristaltic rinsing agent pump for small dishwashers in a speed-controlled version. The rate of flow is controlled by a potentiometer.

**Seko PR4** is a detergent pump for small dishwashers in a speed-controlled version. The rate of flow is controlled by a potentiometer.



**Twindose 10** is an automatic dosing pump for detergent and rinsing agent. This pump is suitable for covered dishwashers. Thanks to its 6 different working modes, **Saier MCS 2105 concept** is a multifunctional dosing pump. It can be used as a time-controlled pump and can be controlled inductively. Thanks to its rotors, the pump hoses can be replaced easily and quickly.

**Saier MCD 2117 concept** is a high-quality dosing unit on conductivity with an integrated hose pump for measuring the quantity of detergent in (tunnel) dishwashers. The Concept 2117 has a display showing conductivity, current conductivity in %, temperature and time. The pre- and after-dosing can be set between 1.5 and 20 minutes.

**Saier DSP 9805-II** is a hose pump which is controlled by a microprocessor and which doses liquids. With a rate of flow of 50 litres per hour, this pump is suitable for larger dishwashers (crate washers). The conductivity is measured by means of a conductive or inductive sensor. It is possible to connect an additional pump (Saier DSP 9612) to dose anti-foaming or rinsing agent.

**Saier DSP 9612** is a hose pump for applications without counterpressure. This pump has a rate of flow of 50 litres per hour. This pump is mainly used as an add-on for the Saier DSP 9805 for dosing anti-foaming or rinsing agent.







	Seko PR1	Seko PR4	Twindose 10
article n°	0.9.138.01.000	0.9.116.01.000	GTR04R01Y2002
tension	230 V - 50 Hz	230 V - 50 Hz	24 - 115 - 230 V
rate of flow detergent	0,2 - 1,0 L/h	0,6 - 4,0 L/h	1 - 7 L/h
rate of flow rinsing agent	/	/	0.18 - 1 L/h
pressure	max 3 bar	max 3 bar	max. 3 bar
power	3.5 W	3.5 W	8 W
dimensions	103 x 82 x 92 mm	103 x 82 x 92 mm	195 x 168 x 110 mm









	Saier MCD 2117 concept	Saier MCS 2105 concept	Saier DSP 9805-II	Saier DSP 9612
article n°	8.9.400.01.000	8.9.403.01.000	8.9.401.01.000	8.9.402.01.000
tension	230 VAC (± 10%)	200 - 240 V (± 10%)	230 VAC (± 10%)	230 V (± 10%)
rate of flow detergent	9 L/h	9 L/h	50 L/h	50 L/h
pressure	2 bar	2 bar	0,5 bar	0.5 bar
power	20 W	16 W	30 W	25 W
dimensions	92 x 170 x 130 mm	92 x 170 x 130 mm	310 x 190 x 92 mm	175 x 145 x 85 mm

#### **ASSEMBLY**

description

article n°





8.9.430.01.000



hose pump 2105 MCS + dishwasher 1L + lamp 8.9.433.01.000



hose pump DSP 9805-II 833 ml/min + lamp 8.9.431.01.000



hose pump DSP 9612 833 ml/min 24 v + box 8.9.432.01.000

## LAUNDRY

These automatic dosing systems are used to provide washing machines with the required product. With 4 or 5 hose pumps it gives your machine the right dose of product at the right time.



	4 x 18 L	5 x 18 L		5 x 24 L
description	4 pump system smart P plus	5 pump system smart P plus	4 pump system smart S plus	5 pump system smart S plus
article n°	8.9.191.01.000	8.9.194.01.000	8.9.192.01.000	8.9.201.01.000
number of pumps	4	5	4	5
flow	18 L/H	18L/H	24L/H	24L/H
tension	230V	230V	230V	230V

#### **NECESSITIES**

description

description

article n°

article n°







levelcontroller for a maximum of 10 products 8.9.193.01.000



inlet manifold 4 x diameter 10 8.9.195.01.000



inlet manifold		
6 x diameter 10		
8 9 178 01 000		











reinforced hose 10 x 16

AK5514

## CIP PROJECT

CIP Cleaning is a (semi) automatic cleaning process that is used frequently in the food and drinks industry. A CIP installation guarantees a fast, efficient and constant cleaning and disinfection result with limited manual intervention.

CID LINES can provide the CIP dosing installation as well as guidance in creating new innovative equipment as well as optimizing existing CIP installations.

• project upon request









## **CLAW BATH**



description

black foot basin 2100 x 750 x 200 mm

article n°

0.9.631.01.000



## **CLOTHS**



udder cloths yellow description 25 pcs (chicoppee) 0.9.308.25.000 article n°



cotton cloths 25 pcs 0.9.310.25.000



pre-milking paper 40 pcs (per 2 rolls of 1000 sheets) 0.9.313.01.000



dispenser for pre-milking paper 0.9.033.01.000

## **DIPPING CUPS**



description article n°



dipping cup flat 0.9.301.01.000



dipping cup double aspiration 0.9.319.01.000



dipping cup return



dipping cup no return

0.9.302.01.000 0.9.303.01.000



description strip cup article n° 0.9.347.01.000



foam cup 0.9.312.01.000



udder hygiene spray 0.9.304.01.000



tank for dipping cups 0.9.314.01.000

## PURE FOAMER

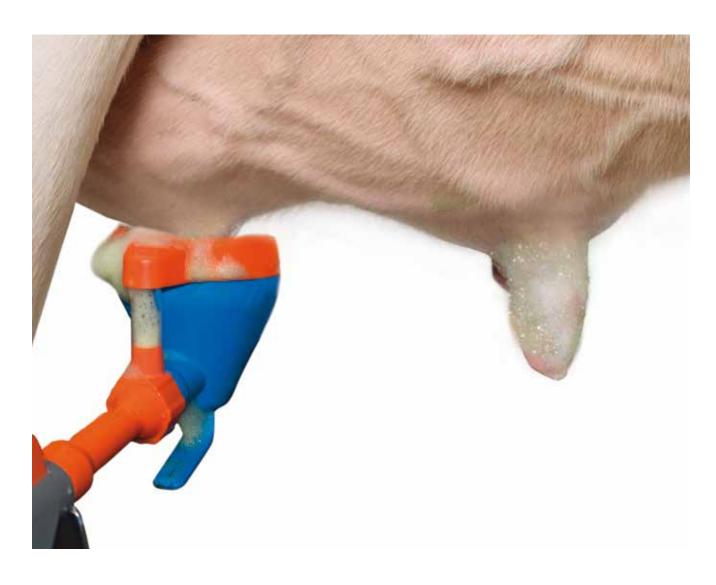
The ideal tool for an effective pre-treatment, a system that optimizes the milking process and makes pre-milking easier than ever! The Pure Foamer is simple, economic, reliable, powerful and effective.

Increases working comfort during milking, it is no longer necessary to pinch the foam cup; all you need to do is push the lever. Easy and quickly to install and to use. Considerably reduces milking times. No compressor required, works on vacuum milking machine.

- · 1 year guarantee
- can be adjusted to all sorts of milking stables: swing-over, parallel, fishbone and carousel

	farm model	shop model	van model	truck model
description	pure foamer	pure foamer 220 V with sink	pure foamer 12 V	pure foamer 24 V
article n°	0.9.399.01.000	0.9.451.01.000	0.9.452.01.000	0.9.453.01.000







## CLOTHS AND HANDLES



## **BROOMS**



## **EXTRA**









tray for IBC

article n° 0.9.639.01.000

description

description

description

article n°

article n°

0.9.656.01.000

## **BOTTLE ACCESSORIES**



adapter 200 L barrel - orange 0.9.009.01.000



adapter barrel 2 inch blue 0.9.025.01.000



adapter 1000 L container 0.9.010.01.000



tap 25 L can - din 61 0.9.001.01.000



0.9.014.01.000



tap barrel - 2 inch 0.9.002.01.000



key - din 61 0.9.015.01.000



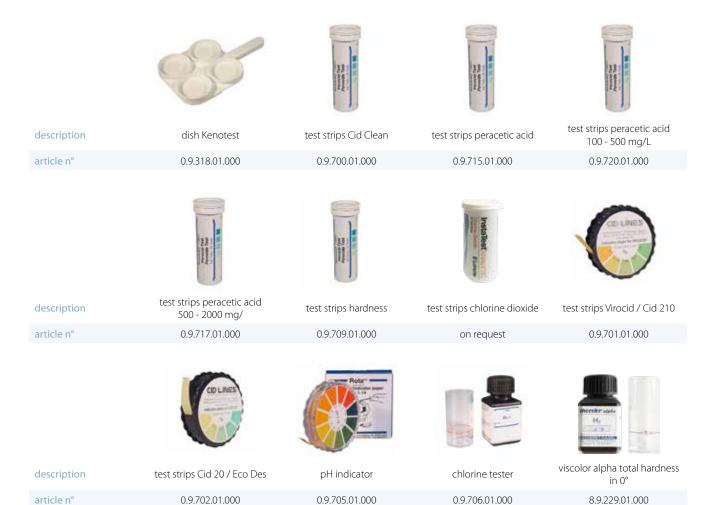
key barrel 200 L 0.9.026.01.000



## TESTERS

description

article n°





## MEASURING CUPS



## **METERS**



