



AGRO
MILK
TECHNIKA

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Float valves KPI-15

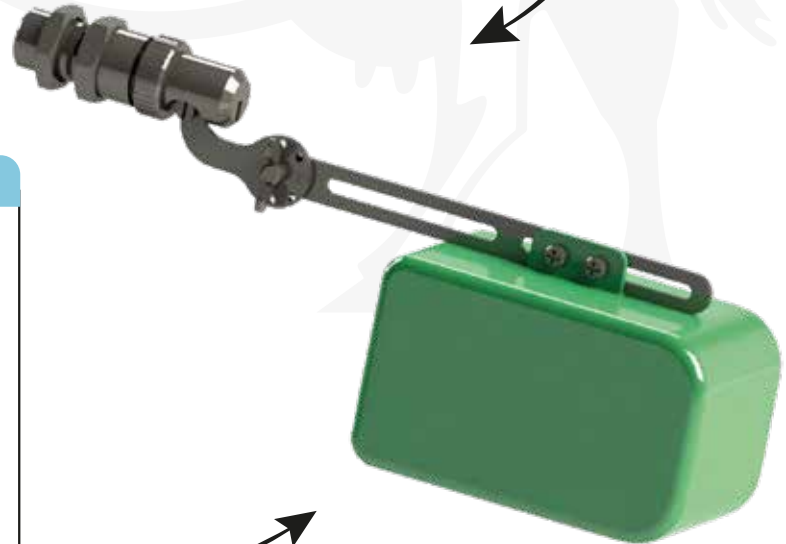
Float valves KPI-15

- 15l/min at 5bar;
- main parts are made of high quality stainless steel;
- connection size 1/C52";
- float position adjustment;
- easy and convenient installation;
- no need to dismantle the valve to remove debris;
- equipped with a lock nut. Repair kit on request.

Float valves KPI-35

Float valves KPI-35

- capacity 35l/min at 5bar;
- main parts are made of high quality stainless steel;
- connection size 1/2";
- float position adjustment;
- - easy and convenient installation;
- no need to dismantle the valve to remove debris;
- equipped with a lock nut. Repair kit on request.



Float valves KPI-40

Float valves KPI-40

- capacity 40l/min at 5bar;
- main parts are made of high quality stainless steel;
- connection size 3/4";
- float position adjustment;
- easy and convenient installation;
- no need to dismantle the valve to remove debris;
- equipped with a lock nut. Repair kit on request.

Milk pumps NMU-6N

NMU-6N Pump

Place of installation of NMU-6N pump - milk discharger.

All parts of the pump that come in contact with milk are made of stainless steel.

Pump capacity - 6.5 m³/h.

Electric motor characteristics - N=0.75kW., I=380V.

Inlet pipe - Ø40mm., outlet pipe - Ø22mm., - add word outside diameter.

Equipped with rubber check valve.



Milk pumps NMU-6N-01

NMU-6N-01 Pump

Place of installation of NMU-6H-01 pump - milk discharger. All parts of the pump that come in contact with milk are made of stainless steel. Pump capacity - 6.5 m³/h. Electric motor characteristics - N=0.75kW, I=380V.

Inlet pipe - Ø40mm, outlet pipe - Ø22mm -add word outside diameter.

Equipped with a rubber cone check valve with spring.

Milk pumps NMU-6N/10

NMU-6N/10 Pump

Designed for pumping milk from the cooler to the milk truck.

All parts of the pump that come in contact with milk are made of stainless steel.

Pump capacity -10 m³/h.

Electric motor characteristics - N=1.1 kW., I=380V.

Inlet pipe - Ø40mm., outlet pipe - Ø38mm., - add word outside diameter.

Equipped with rubber check valve.



Milk pumps NMU-6N/ 10GDZ

NMU-6N/ 10GDZ Pump

Place of installation of NMU-6N/ 10GDZ pump - milk discharger.

All parts of the pump that come in contact with milk are made of stainless steel.

It has an additional connection for the connection of the milk discharger - Ø16mm.

Pump capacity -10 m³/h.

Electric motor characteristics - N=1.1 kW, I=380V.

Inlet pipe - Ø40mm, outlet pipe - Ø35mm.

Equipped with a rubber check valve.

Milk pumps NMU-6N/10GDZ-01

NMU-6N/10GDZ-01 Pump

Place of installation of NMU-6N/ 10GDZ pump - milk discharger.

All parts of the pump that come in contact with milk are made of stainless steel.

It has an additional connection for the connection of the milk discharger - $\varnothing 16\text{mm}$.

Pump capacity -10 m³/h.

Electric motor characteristics - N=1.1 kW, I=380 V.

Equipped with rubber cone check valve with spring.



Milk pumps NMU-6N/10GDZ-02

NMU-6N/10GDZ-02 Pump

Place of installation of NMU-6N/10GDZ-02 pump - milk discharger.

All parts of the pump that come in contact with milk are made of stainless steel.

It has an additional connection for the connection of the milk discharger - $\varnothing 16\text{mm}$.

Pump capacity -10 m³/h.

Electric motor characteristics - N=1.1 kW, I=380 V.

The inlet pipe is $\varnothing 40\text{mm}$, the outlet pipe is a threaded fitting for a milk coupling DN40 DIN.

Equipped with a rubber check cone valve with a spring.

Milk pumps NMU-6N/10GDZ-01-L

NMU-6N/10GDZ-01-L Pump (left rotation of the pump)
Place of installation of NMU-6N/ 10GDZ pump - milk discharger. All parts of the pump that come in contact with milk are made of stainless steel. It has an additional connection for the connection of the milk discharger - $\varnothing 16\text{mm}$. Pump capacity -10 m³/h. Electric motor characteristics - N=1.1 kW, I=380 V. Equipped with rubber check valve.



Milk pumps NMU-6N/13

NMU-6N/13 Pump
Place of installation of NMU-6N/13 pump - milk discharger. All parts of the pump that come in contact with milk are made of stainless steel. It has an additional connection for the connection of the milk discharger - $\varnothing 16\text{mm}$. Pump capacity -13 m³/h. Electric motor characteristics - N=1.5 kW, I=380 V. Inlet pipe - $\varnothing 40\text{mm}$, outlet pipe - $\varnothing 35\text{mm}$. It has a modification of the outlet pipe with a DN40 DIN nut for connecting the FM-3 filter.





Milk pumps NMU-6N/15

NMU-6N/15 Pump

Designed for pumping milk from the cooler to the milk truck.

All parts of the pump that come in contact with milk are made of stainless steel.

Pump capacity -15 m³/h.

Electric motor characteristics - N=2.2 kW, I=380V.

Inlet pipe - Ø40mm, outlet pipe - Ø38mm.

Milk pumps NMU-6N/15M

NMU-6N/15M Pump

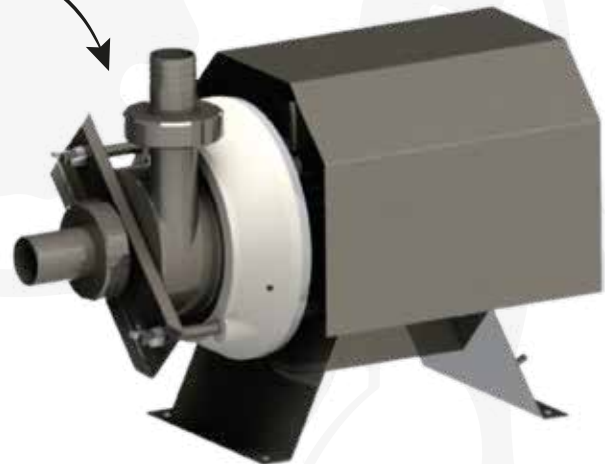
Designed for pumping milk from the cooler to the milk truck.

All parts of the pump that come in contact with milk are made of stainless steel.

Pump capacity -15 m³/h.

Electric motor characteristics - N=2.2 kW, I=380V.

Inlet pipe (dismountable) - Ø40mm, outlet pipe (dismountable) - Ø38mm.



Milk pumps NMU-6N/25

NMU-6N/25 Pump

Designed for pumping milk from the cooler to the milk truck.

All parts of the pump that come in contact with milk are made of stainless steel.

Pump capacity -25 m³/h.

Electric motor characteristics - N=5.5 kW, I=380V.

Inlet pipe (dismountable) - Ø50mm, outlet pipe (dismountable) - Ø50mm.



Housing for fine milk filter 5 T (KF-25M, KF-32M, KF-38M)

Housing for fine milk filter 5 T (KF-25M, KF-32M, KF-38M)

Designed for milk filtration using a fine milk filter. Made of stainless steel, it will last for many years and is easy to clean.



Fine milk filter 120*60*32

Fine milk filter 120*60*32

Cartridge filter for fine milk filtration (capacity 5–8 tons), used for filtering milk from mechanical impurities (98–100%) and from mastitis products and bacterial contamination (up to 60%) present in the milk after milking.

Automatic drinking bowls AP-ON

The AP-ON automatic drinking bowl is stationary, tilting.

Mounting type is floor standing.

The material of the drinking bowl is stainless steel.

The material of the posts and fencing is galvanized steel.

The drinking bowl package includes:

- circulation pipe;
- KPI35/40 float valve;
- heating device for the bottom of the bath (heating element 160/260W);
- transformer 300 W (220/24 V (IP54));
- heating cable for water supply hose (36W);
- water hose;
- thermal insulation of the heating cable;
- fastening kit (anchors).

Dimensions and equipment, construction at the request of the Customer. Illustrative standard dimensions of the drinking bowl, mm (LxHxW): 2000x900x600.



Automatic drinking bowls AP-SN

The AP-SN automatic drinking bowl is stationary, not tilting.

Mounting type is floor standing.

The material of the drinking bowl is stainless steel.

The material of the posts and fencing is galvanized steel.

It is possible to adjust the height.

The drinking bowl package includes:

- circulation pipe;
- KPI35/40 float valve;
- heating device for the bottom of the bath (heating element 160/260W);
- transformer 300 W (220/24 V (IP54));
- heating cable for water supply hose (36W);
- water hose;
- thermal insulation of the heating cable;
- drain plug;
- fastening kit (anchors).

Dimensions and equipment, construction at the request of the Customer. Illustrative standard dimensions of the drinking bowl, mm (LxHxW): 2000x900x630.



Automatic drinking bowls AP-ON-N

The AP-ON automatic drinking bowl is stationary, tilting.

Mounting type is floor standing.

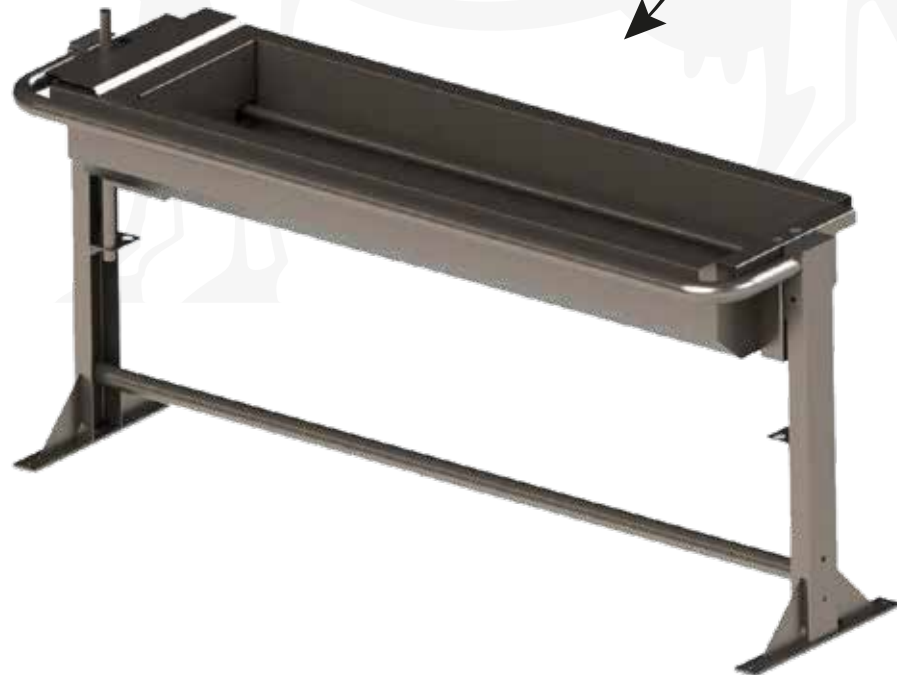
The material of the drinking bowl is stainless steel.

The material of the posts and fencing is stainless steel.

The drinking bowl package includes:

- circulation pipe;
- KPI35/40 float valve;
- rotary coupling 3/4" GGL;
- heating device for the bottom of the bath (heating element 160/260W);
- transformer 300 W (220/24 V (IP54));
- heating cable for water supply hose (36W);
- water hose;
- thermal insulation of the heating cable;
- fastening kit (anchors).

Dimensions and equipment, construction at the request of the Customer. Illustrative standard dimensions of the drinking bowl, mm (LxHxW): 2150x900x600.



Automatic drinking bowls AP-SN-IN1 (HEATED WITHOUT TRANSFORMER)

The AP-SN-IN1 (HEATED WITHOUT TRANSFORMER) automatic drinking bowl

The material of the drinking bowl is stainless steel.

Water supply when the valve is pressed.

Perfectly suited for free-stall cow housing, saves space, self-cleaning, and offers various mounting options.

Can be connected to a circulating water system (G3/4"). It can also be used as a dead-end system (plugs included).

The drinking bowl package includes:

- circulation pipe;
- KPI35/40 float valve;
- heating device for the bottom of the bath (heating element 160/260W);
- transformer 300 W (220/24 V (IP54)).

Dimensions and equipment, construction at the request of the Customer.

Illustrative standard dimensions of the drinking bowl, mm (LxHxW): 400x450x400.



Automatic drinking bowls AP-SN-IN2 (HEATED)

The AP-SN-IN2 (HEATED) automatic drinking bowl

The material of the drinking bowl is stainless steel.

Water supply when the valve is pressed.

Perfectly suited for free-stall cow housing, saves space, self-cleaning, and offers various mounting options.

Can be connected to a circulating water system (G3/4"). It can also be used as a dead-end system (plugs included).

The drinking bowl package includes:

- circulation pipe;
- KPI35/40 float valve;
- heating device for the bottom of the bath (heating element 160/260W);
- transformer 300 W (220/24 V (IP54)).

Dimensions and equipment, construction at the request of the Customer. Illustrative standard dimensions of the drinking bowl, mm (LxHxW): 400x450x400.

Milk Pasteurizers PM-200P/200/250 Mobile

Milk Pasteurizers PM-200P/200/250 Mobile
Design variants:

PM-200/250 - with electric drive;

PM-200P - without electric drive;

Pasteurizer PM-200/250 (PM-200P) is designed for pasteurization of milk and subsequent feeding of calves. The milk is heated in a pasteurizer container made of high-quality stainless steel (V=200l/250l) to a temperature of 65 degrees, maintained at this temperature for 30 minutes, and then cooled to a temperature of 41 degrees (the whole process takes about 150 minutes).

Main benefits:

- 4-wheeled chassis (provides stability against tipping);
- easy control of the pasteurization process;
- heat insulation of the container;
- fully opening lid;
- motorized agitator for stirring milk;
- touch screen control panel (IP 65) with advanced features and functions;
- connection to the pressure water line of the heating circuit is realized by means of a high quality brass hose coupling;
- no remote units;
- height adjustable handle;
- equipped with a dosing gun.



Milk Pasteurizers PS-250/300 Stationary

PS-250/300 Stationary Pasteurizer is designed for pasteurization of milk and subsequent drinking of calves. The milk is heated in a pasteurizer container made of high-quality stainless steel (V=250l/300l) to a temperature of 65 degrees, maintained at this temperature for 30 minutes, and then cooled to a temperature of 41 degrees (the whole process takes about 150 minutes).

Main benefits:

- stable construction with adjustable supports;
- easy control of the pasteurization process;
- heat insulation of the container;
- fully opening lid;
- motorized agitator for stirring milk;
- touch screen control panel (IP 65) with advanced features and functions;
- connection to the pressure water line of the heating circuit is realized by means of a high quality brass hose coupling;
- no remote units;
- equipped with drain cock.



Wash Cups and Trays ExtraWash

Wash Cups and Trays ExtraWash

The washing platform is designed to hold milking cups with teat rubber during the washing process.

The washing platform is compatible with milking systems where the milking cup has a diameter of 45mm.

The base, mounting bracket and nozzles of the washing platform are made of stainless steel. The cup holder is made of reinforced polyamide and has 5 fixed positions.

The washing platform has 2 positions for easy operation - folded and unfolded.

Overall dimensions in unfolded form, mm: DxWxH - 350x200x125

Overall dimensions in folded form, mm: DxWxH - 210x200x232

Inner diameter of the connected hose, - 18mm. Possibility to connect the washing pressure hose on both left and right sides.



Washing Unit AP-1M

Washing Unit AP-1M

The automatic flushing machine is designed to control the process of flushing and disinfection of the milk pipe system, milking machines and milk-carrying units of milking installations.

- The body of the machine is made of stainless steel.
- The software enables to customize the parameters of the washing process and the connected equipment in a wide range.
- The automatic flushing machine is controlled by a simple and convenient touch panel.
- Power supply voltage of the automatic flushing machine is 380 V.
- Connected peripheral equipment can have voltage 220V and 24V.
- Connected heaters are not more than 12kW.
- Overall dimensions, mm (DxWxH): 680x480x250.



Tank to flushing machine



Washing Unit AP-1

Washing Unit AP-1

Designed to control the flushing process on milking installations and in milking parlors.

The main functions of the automatic flushing machine are switching on the milking installation in the milking mode and switching to the flushing mode, controlling the washing process. Control of water level in the tank, protection against switching on the heating elements in the absence of water ("dry"), temperature control of the flushing liquid through a temperature sensor, automatic water and acid/alkali intake (acid/alkali is selected by a switch), control of the recirculation valve, control of vacuum pump starters (starter coil 230 V). The flushing process is performed according to timers programmed in the controller. It is possible to change the value of timers as required. The flushing process is not looped. Indication of the start of the flushing program, after the end of the program the indicator goes out.

Has a contactor for switching on heating elements with a power of up to 15 kW.



Circulation Heating Unit CHU-1/CHU-2

Circulation Heating Unit CHU-1/CHU-2

Circulation heating device (CHU) is designed for circulation and heating of water in a circular pipeline in auto-watering systems of cold rooms for cattle, horses, pigs and sheep.

The heating element bulb is made of stainless steel mounted on a base made of conductive material.

The power supply voltage of the CHU is 380 V.

The power of the installed heater is 6 kW. The heating element is equipped with a temperature sensor enabling to maintain the water temperature automatically within the set range.

The CHU has a light indication of the current stage and digital indication of the adjusted water temperature.

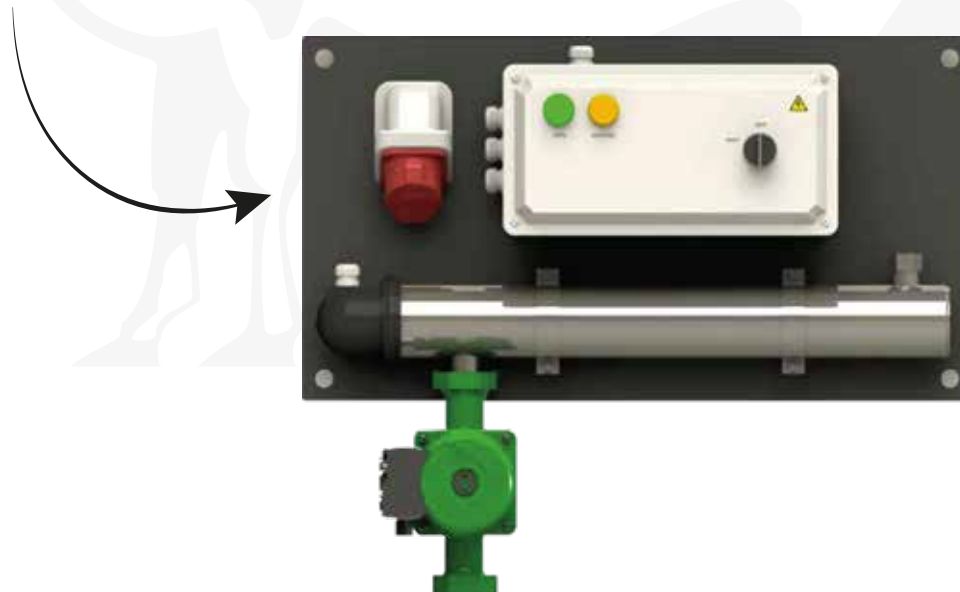
Electrical elements of the CHU are protected against short circuit and current leakage.

CHUs are produced in 2 versions:

- CHU-1 for pipelines up to 200 meters long (circulation pump power up to 100W);
- CHU-2 for pipelines up to 400 meters long (circulation pump power up to 410W).

Overall dimensions, mm (DxWxH):

- CHU-1 – 600x550x250;
- CHU-2 – 600x570x280.



Cow immobiliser

Cow immobiliser is designed to hold cows in a fixed position during milking, veterinary examination or artificial insemination.

The anti kick bar fixes one leg of the animal, has a sliding design and easy adjustment.

The anti kick bar is made of galvanized pipe with a diameter of 27 and 32 mm.

Rubber plugs are installed on the ends of the pipes.

Adjustable length of the anti kick bar: 445-675 mm.



Electric Fence Energizer Extra 350 SP

Electric Fence Energizer Extra 350 SP

The electric fence generator is designed to supply low-power pulses of high voltage to the electrically conductive wire (fence), enclosing the pasture of farm animals or protecting fields from penetration by wild animals.

The electric fence generator is made in a shockproof hermetically sealed plastic case. There is a light indicator of the battery discharge and the moment of impulse delivery.

The electric fence generator can be powered by an 8-24V battery installed inside the case or an external 8-24V battery (the corresponding terminals are connected to the case).

The generator design provides 2 modes of operation:

- mode with minimum power for animals accustomed to electric fences (1 pulse every 1.2 seconds);
- mode with maximum power for accustoming animals to an electric fence (2 pulses in a row every 1.2 seconds).

Maximum pulse energy at the output is 0.35 J.

Overall dimensions, mm: DxWxH: 250x180x85.



Milk Claws

Milk collector is designed for milk collection from milk cups and further evacuation of milk from milk chamber into milk pipe or milking bucket. The collector has two chambers - a chamber of constant vacuum (milk collecting chamber), located between the base of the collector and the cover and a chamber of variable vacuum located in the distributor. The base of the collector is made in the form of a bowl with 4 spigots (outer diameter of spigots is 14mm) and is made of high quality stainless steel AISI 304. The collector cover is made of high-strength transparent polycarbonate with an outlet spigot of 21mm. The distributor is made of highly reinforced plastic with outer diameter (9-10mm). All parts of the collector manifold are made of food grade materials.



KDA1B-00.01-01

Milk Claws 300 EXTRA without a shutoff valve



KDA1B-00.01-02



Milk Claws 300 EXTRA

Shells

Shells are designed for installation of teat rubber and transfer of vacuum effect on its walls.

The shell is made of stainless steel 2mm thick.

The diameter of the hole for the installation of the nipple rubber - 41mm, for the installation of the milk outlet - 18mm. The outer diameter of the vacuum-diverting pipe is 9 mm.

Overall dimensions of the cup, mm DxDiam: 191x45.

*Dimensions at the request of the Customer.



Milk filters FM-1

Milk filters FM-1

Milk filter is made of high quality stainless steel. It is installed after the pump of milk receiving unit and serves for milk filtration during milking. The filter is equipped with a stainless steel spiral where a replaceable bag filtering element is installed. Replacement of the filtering element is simple and does not require special skills from the service personnel.

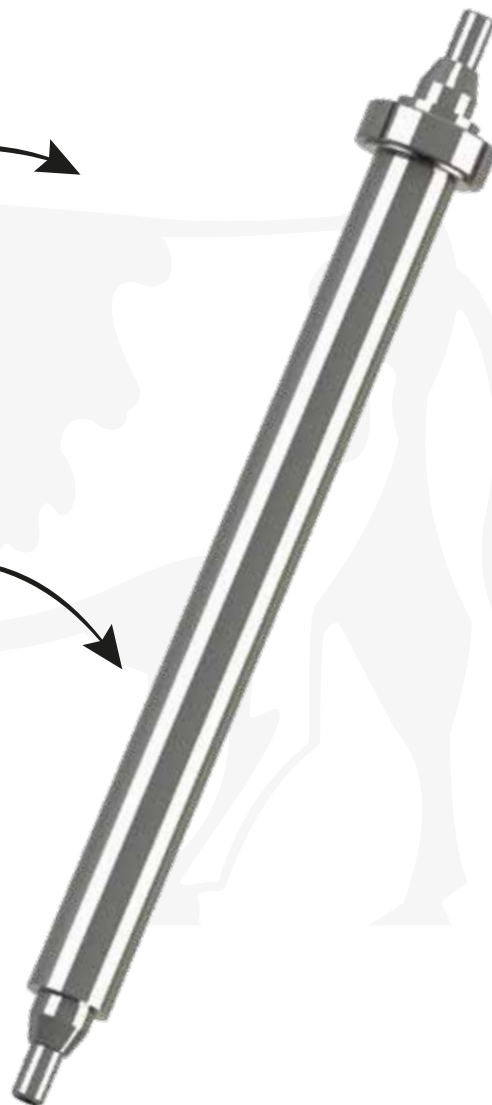
Outer diameter of inlet and outlet pipes is 26mm.

Milk filters FM-2

Milk filters FM-2

Milk filter is made of high quality stainless steel. It is installed after the pump of milk receiving unit and serves for milk filtration during milking. The filter is equipped with a stainless steel spiral where a replaceable bag filtering element is installed. Replacement of the filtering element is simple and does not require special skills from the service personnel.

Outer diameter of inlet and outlet spigots is 35mm.



Milk filters FM-3

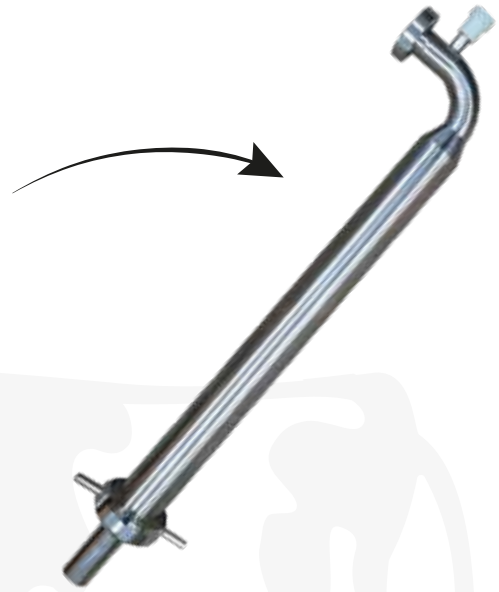
Milk filters FM-3

Milk filter is made of high quality stainless steel. It is installed after the pump of milk receiving unit and serves for milk filtration during milking. The filter is equipped with a stainless steel spiral where a replaceable filter bag is installed. Connection to the pump is made by means of DN40DIN nut. The outer diameter of the outlet pipe is 40mm.

Distinctive features of the filter:

Absence of milk hoses in the connection milk pump - filter. There is a drain valve (it allows to effectively remove the residues of water, washing solution from the filter housing for easy dismantling of the bag filter element). The filter is mounted vertically, and it greatly simplifies the replacement of the filter element.

It is used in pair with milk pump NMU-6N/10GDZ-02 or other pump.



Milk filters FM-3 with blow-off valve

Milk filters FM-3 with blow-off valve

Milk filter is made of high quality stainless steel. It is installed after the pump of milk receiving unit and serves for milk filtration during milking. The filter is equipped with a stainless steel spiral where a replaceable filter bag is installed.

Connection to the pump is made by means of DN40DIN nut. The outer diameter of the outlet pipe is 40mm.

Distinctive features of the filter:

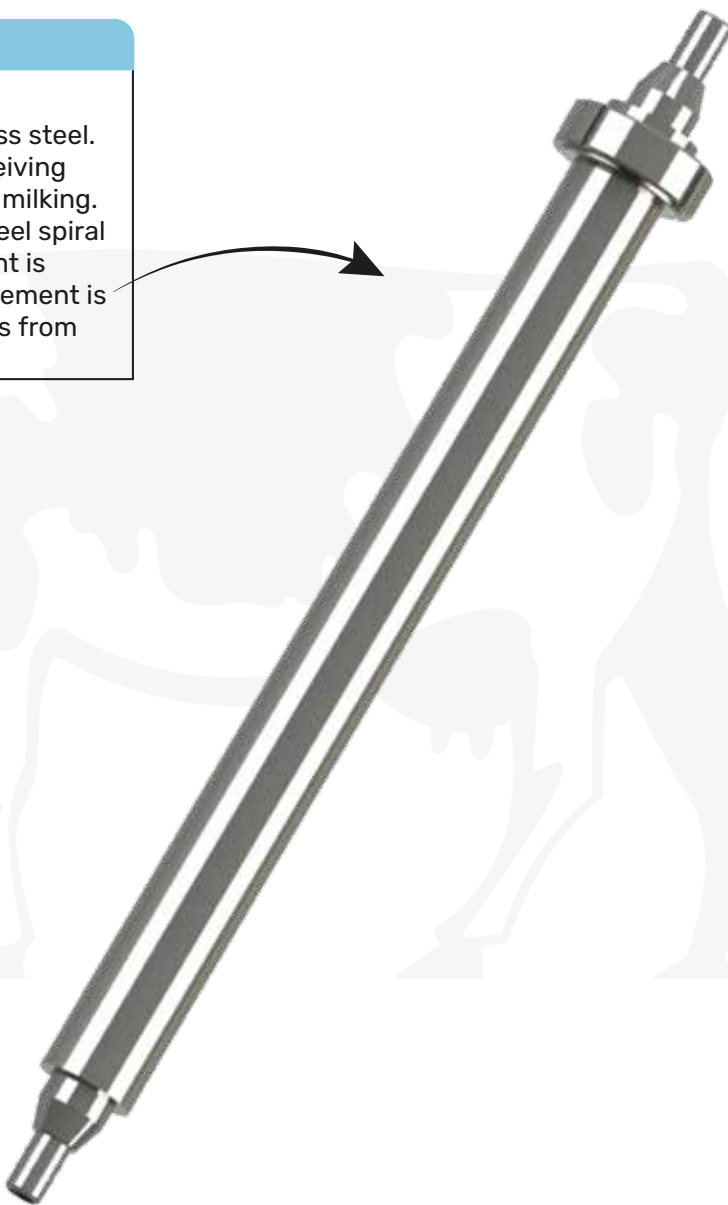
The filter is equipped with a drain plug and a purge valve, which allows effective removal of residual water, cleaning solution from the filter housing and pressure line.

The filter is mounted vertically, and it greatly simplifies the replacement of the filter element.

Milk filters FM-4

Milk filters FM-4

Milk filter is made of high quality stainless steel. It is installed after the pump of milk receiving unit and serves for milk filtration during milking. The filter is equipped with a stainless steel spiral where a replaceable bag filtering element is installed. Replacement of the filtering element is simple and does not require special skills from the service personnel.



Dump Valves KC-DN40(24)

KC-DN40(24) valve is designed for drainage of various liquids (water, weak solutions of acids and alkalis, disinfectants, etc.) in dairy and industrial equipment. Valve type is normally closed (NC). Supply voltage is 24V (AC/DC). Valve body in contact with liquid is made of high quality stainless steel. Outside diameter of outlet and outlet pipe is 48mm.



Dump Valves KC-DN50(24)

KC-DN50(24) valve is designed for drainage of various liquids (water, weak solutions of acids and alkalis, disinfectants, etc.) in dairy and industrial equipment. Valve type is normally closed (NC). Supply voltage is 24V (AC/DC). Valve body in contact with liquid is made of high quality stainless steel. Outside diameter of outlet and outlet pipe is 58mm.

Dump Valves KC-DN40(230)

KC-DN40(230) valve is designed for drainage of various liquids (water, weak solutions of acids and alkalis, disinfectants, etc.) in dairy and industrial equipment. Valve type is normally closed (NC). Supply voltage is 230V (AC). Valve body in contact with liquid is made of high quality stainless steel. Outside diameter of outlet and outlet pipe is 48mm.

Dump Valves KC-DN50(230)

KC-DN50(230) valve is designed for drainage of various liquids (water, weak solutions of acids and alkalis, disinfectants, etc.) in dairy and industrial equipment. Valve type is normally open (NO). Supply voltage is 230V (AC). Valve body in contact with liquid is made of high quality stainless steel. Outside diameter of the outlet and outlet pipe is 58mm.



Cow Brush EXTRA BRUSH

Combing brush CHM-1M is designed to clean and care cattle skin. Scratching brush is electric, automatic, wall mounting type. Rotation speed of 35 rpm. Rotation time of 60+/-10seconds (can be reconfigured). Supply voltage is 230V. Activation of the combing brush is performed by deviating from the initial vertical state by 10 degrees. The direction of the brush changes each time it is switched on. There is a protection against winding on the brush (by creating excessive torque on the shaft). The configuration of the brush is "hourglass". Dimensions length 1350 width 500 height 1500mm.



Cow Brush L-type

The combing brush has an L-shaped construction with two brushes and a high quality, securely fixed elastic element (spring). It is designed to clean and care the skin of cattle. The advantage of these brushes is easy installation, good quality-price ratio. Due to a convenient, reliable design, the combing brush has great elasticity under heavy loads. Overall dimensions 900x900x150mm.





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