

**XTON<sup>®</sup>**

XTON

# PRODUCT CATALOG

# **XTON®**

## About us

XTON® has been dealing with industrial automatics continuously since 2011. We build machines for industry with passion. We produce in series and on individual orders.

A qualified team of engineers works in a modern and well-equipped laboratory, ensuring the safety and quality of each device.

In order to be able to offer you top-shelf devices, we employ the best specialists in the field of automation, electrical engineering and construction.

We believe that the value of the product is directly related to the stability of the company and production.

We constantly invest in new technologies, production facilities, experience and professional staff, thanks to which we guarantee the highest quality of our devices.

Our team is a group of well-organized young people specializing in industrial automation. A wide range of competences allows us to face even the most complex projects. Responding to the market demand, we design and build devices using the latest and innovative solutions.

We create with passion to deliver the best quality devices to the world market.

We are PROECOLOGICAL! In the production process, we pay special attention to the protection of the natural environment.

The methods we implement mainly support Polish technological thought. Our offer is directed to the broadly understood industry.

In our carefully prepared offer you will find machines for cleaning DPF filters, modern high-pressure cabin washers, biological and basket washers, varied in terms of functionality. The new products are pressure sandblasters with an integrated dust collector as well as washer

The devices we manufacture are used in the broadly understood industry and automotive industry, they can be found in many professional car services and workshops as well as at diagnostic stations in Poland and Europe. Our regular customers are plants dealing with the regeneration of car parts. The presence at numerous international trade fairs makes XTON® AUTOMATYKA INDUSTRIAL company more and more recognizable, and our products are becoming more and more popular and perceived as premium devices. Many of our customers have come back to us to decide to buy more XTON® devices, which is the best proof that the machines we manufacture are among the European leaders.

# DPF MASTER FLASH PROFESSIONAL PLUS™

The highest quality device for the regeneration of DPF / FAP / GPF / SCR filters and catalysts. It is made entirely of AISI 304 stainless steel, AISI 316 acid-resistant steel and dedicated to all types of cars. The machine has a double tank with a capacity of 275 liters, a pressure pump output of up to 250 l / min and an integrated filter drying system. An Italian pump has been used with a chemical seal resistant to contamination and electronics based on components from leading European manufacturers that guarantee the highest quality and reliability of the device. The machine can measure in a dry environment (counter pressure measurement) and has an integrated filter drying system at a temperature of 70-130 degrees. The filtration system extended with a preliminary filter allows to significantly extend the service life of the main filters. The device can operate in automatic or service mode, which allows for individual use of the selected option. The hydrodynamic method used in conjunction with the unique, dedicated XTON DPF CLEANER chemistry removes the residues of PM10, PM 2.5 cerium oil and heavy metals carbon deposits without mechanical interference with the filter and allows to restore its factory efficiency to 99.8%.



REGENERATION UP TO  
99% OF THE DPF FILTER



HYDRODYNAMIC  
METHOD



REMOVAL OF SOLID  
PARTICLES



## STANDARD EQUIPMENT

- 7 color touch screen
- sensors: liquid level, liquid and air temperature, pressure flow, door opening, loss and phase sequence
- protections: emergency safety switch, end protections of the chamber door, loss and phase sequence,
- filter contamination measuring system
- AISI 316 stainless steel chamber
- extended 4-stage liquid filtration system
- two heaters
- integrated drying system in a smooth temperature range from 70 to 130 ° C
- cooling the drying system
- integrated thermal printer for printing filter parameters
- Ethernet controller for remote diagnostics
- set of connection adapters for DPF / FAP / GPF / KAT / SCR EURO5 / EURO6 filters
- EURO5 and EURO6 adapter
- starter kit for consumables (a set of filters + 2L XTON DPF Cleaner detergent)
- liquid tank with a capacity of up to 275 liters
- extended 12-month manufacturer's warranty (optional 24 or 36 months)



**DPF**   
**MASTER FLASH**  
by **XTON**

## TECHNICAL DATA

weight: 650 kg

external dimensions (l x w x h): 206x 126 x 215 (cm)

chamber dimensions (l x w x h): 140 x 89 x 107 (cm)

tank capacity: 275 liters

working pressure: 6 -8 bar (90-100 psi)

voltage: 3 x 400V

max power: 12 kW

pre-security: 32 A

liquid temperature: adjustable in the range of  
30- 100 ° C

drying temperature: adjustable in the range  
of 70 - 130 ° C

pump capacity: up to 250 L/min

air flow: up to 430 m/h

overpressure: up to 370 mbar

vacuum: to -300 mbar

liquid filtration: 4-stage liquid filtration, 5 - 300 microns  
- extended

drying system: integrated drying system

declaration of conformity: CE



# DPF MASTER FLASH PROFESSIONAL™

A professional device for the regeneration of DPF / FAP / GPF filters and catalysts, dedicated mainly to passenger cars and vans. It has a double tank with a capacity of 185 liters, a pump with a capacity of up to 133 l / min and an integrated drying system. Allows you to restore the factory parameters of the filter in 99.8%

The interior of the machine is made of AISI 304 stainless steel and AISI 316 acid-resistant steel. The cleaning technology takes place in a closed circuit using a hydrodynamic method and dedicated chemistry at an appropriate temperature. Enables the measurement of filter contamination in a dry environment by means of an intermediate pressure test given in mbar, and an integrated drying system up to 100 degrees. After the regeneration process is completed, the final back pressure measurement is confirmed by a printout for the customer. A comprehensive cleaning process allows you to restore the factory parameters of the filter in 99.8%. Components of leading European producers were used to construct the machine, which guarantees the highest quality and reliability.



REGENERATION UP TO  
99% OF THE DPF FILTER



HYDRODYNAMIC  
METHOD



REMOVAL OF SOLID  
PARTICLES



## STANDARD EQUIPMENT

- 7 color touch screen
- sensors: liquid level, liquid and air temperature, pressure flow, door opening, disappearance and phase sequence
- protections: emergency safety switch, end protections of the chamber door, loss and phase sequence,
- filter contamination measuring system
- AISI 316 stainless steel chamber
- extended 4-stage liquid filtration system
- two heaters
- integrated drying system in a smooth temperature range from 70 to 100 ° C
- cooling the drying system
- integrated thermal printer for printing filter parameters
- Ethernet controller for remote diagnostics
- set of connection adapters for DPF / FAP / GPF / KAT / SCR filters
- starter kit for consumables (a set of filters + 2L XTON DPF Cleaner detergent)
- liquid tank with a capacity of up to 185 liters
- extended 12-month manufacturer's warranty (optional 24 or 36 months)



**DPF**   
**MASTER FLASH**  
by **XTON**

## TECHNICAL DATA

weight: 600 kg

external dimensions (l x w x h): 206x 106 x 215 (cm)

chamber dimensions (l x w x h): 140 x 69 x 107 (cm)

tank capacity: 185 liters

working pressure: 6 -8 bar (90-100 psi)

voltage: 3 x 400V

max power: 10 kW

pre-security: 32 A

liquid temperature: adjustable in the range of  
30- 100 ° C

drying temperature: adjustable in the range  
of 70 - 100 ° C

pump capacity: up to 133 L/min

air flow: up to 390 m/h

overpressure: up to 340 mbar

vacuum: up to 300 mbar

liquid filtration: 4-stage liquid filtration, 5 - 300 microns  
- extended

drying system: integrated drying system

declaration of conformity: CE





# DPF MASTER FLASH STANDARD™

Is a compact device for the regeneration of diesel particulate filters, operating using the hydrodynamic method. It has a tank with a capacity of 150 liters, a pump with a capacity of up to 133 L / min and a built-in filter system. The cleaning process takes place in an automatic cycle and allows you to restore the factory filter parameters in 99%.

The set includes adapters for connecting all DPF filters from passenger cars. In order to increase the efficiency of the regeneration process, we recommend purchasing a dedicated DPF Heater Pro + drying system at a promotional price.

## STANDARD EQUIPMENT

- liquid level sensor
- temperature sensor
- programmable temperature controller
- programmable automatic cycle controller
- tank capacity 150 l
- water pump
- built-in pressure reducer 0-8 bar
- built-in filter system
- adapters for DPF filters

## DEDICATED TO

- passenger cars
- vans



**DPF**   
**MASTER FLASH**  
 by XTON

## TECHNICAL DATA

weight 210 kg

external dimensions: 150 x 80 x 131 (cm)

tank capacity: 112 liters

working pressure: 3 bars

voltage: 3 x 400V

max power: 6 kW

frequency: 50 Hz

liquid temperature: to 100 ° C

pump capacity: up to 133L/min

liquid filtration: 5 - 100 microns

number of filters in machine: 3 pcs

security: liquid flow sensor, temperature sensor, emergency safety switch

number of filters in machine: 3 pcs

declaration of conformity: CE

ISO  CE

## DPF HEATER PRO PLUS™

A device dedicated to drying all types of particulate filters and catalysts, made entirely of AISI 304 stainless steel and AISI 316 acid-resistant steel. It has an integrated measuring system and allows drying at temperatures up to 120 degrees C using a side channel turbine. Built-in thermal printer allows you to print pollution measurements. The device is perfect as an additional option to a machine for cleaning particulate filters, which does not have an integrated drying system.

### BENEFITS OF USING DPF HEATER PRO:

- operation independent of the regeneration machine
- optimization of the filter regeneration process
- low drying costs
- quality confirmed by a printout of the obtained parameters
- quick filter fastening system - Camlock
- adapters for trucks
- full automation of the drying process



**DPF HEATER PRO**™  
by XTON

### TECHNICAL DATA

weight: 100 kg

external dimensions (L x W x H): 92 x 51 x 114 (cm)

drying temperature: 70-130°C

voltage: 3 x 400V

max power: 7,5 kW

air flow: up to 390 m/h

overpressure: up to 370 mbar

vacuum: up to 300 mbar

pollution measurement system: integrated

drying system: integrated

air flow: up to 390 m/h

security: pressure sensor, emergency safety switch

declaration of Conformity: CE



# MASTER CLEANER MC 1000™

High-pressure workshop washer made of AISI 304 stainless steel and AISI 316 acid-resistant steel, dedicated to professional use in the broadly understood industry. It allows you to work in two variants: with a rotating basket or a rigid spray arm. It is used to clean heavy dirt from steel, iron or aluminum, removes various types of grease and oil deposits without damaging the surface of the element. It works in a closed circuit at a temperature of up to 45 degrees C. The effectiveness of washing is increased by the XTON Active Cleaner fluid and the appropriately selected temperature and pressure from the gun nozzle. The washer chamber is pneumatically lifted, and the adjustable height ensures comfortable use.

## STANDARD EQUIPMENT

- sensors: liquid level and temperature
- dual liquid filtration system
- insulated and heated 90 liter tank
- compressed air gun up to 8 atmospheres
- high pressure nozzle
- low pressure brush
- LED lighting
- pneumatic chamber opening mechanism
- movable legs with height adjustment up to 100 mm
- double foot switch
- IP 54 protection class

## ADDITIONAL OPTIONS

- spray arm
- rotating basket
- oil separator



**MASTER  
CLEANER**™  
by XTON

## TECHNICAL DATA

weight: 200 kg

external dimensions - opened chamber: 125 x 85 x 170 cm

external dimensions - closed chamber: 99 x 74 x 64 cm

chamber dimensions: 99 x 74 x 64 cm

heated liquid tank: 90 liters

working temperature: up to 45°C

voltage: 3 x 400V

working pressure: 6-8 bar

max power: 7,5 kW

pump working pressure: 140 bar

double liquid filtration system: yes

high pressure lance capacity: up to 15 L/min

expense of hand washing with the overflow brush: up to 5L/min

security: temperature sensor, emergency safety switch, limit switch

declaration of conformity: CE





# MASTER CLEANER MC 850™

High-pressure workshop washer made of AISI 304 stainless steel and AISI 316 acid-resistant steel, dedicated to professional use in the broadly understood industry. It allows you to work in two variants: with a rotating basket or a rigid spray arm. It is used to clean heavy dirt from steel, iron or aluminum, removes various types of grease and oil deposits without damaging the surface of the element.

## STANDARD EQUIPMENT

- sensors: liquid level and temperature
- dual liquid filtration system
- insulated and heated 90 liter tank
- compressed air gun up to 8 atmospheres
- high pressure nozzle
- low pressure brush
- LED lighting
- pneumatic chamber opening mechanism
- movable legs with height adjustment up to 100 mm
- double foot switch
- IP 54 protection class

## ADDITIONAL OPTIONS

- spray arm
- rotating basket
- oil separator



**MASTER  
CLEANER**™  
by XTON

## TECHNICAL DATA

weight: 200 kg

external dimensions - opened chamber: 125 x 85 x 170 cm

external dimensions - closed chamber: 110 x 85 x 170 cm

chamber dimensions: 64 x 84 x 65 cm

heated liquid tank: 90 liters

working temperature: up to 45°C

voltage: 3 x 400V

working pressure: 6-8 bar

max power: 7,5 kW

pump working pressure: 140 bar

double liquid filtration system: yes

high pressure lance capacity: up to 15 L/min

expense of hand washing with the overflow brush: up to 5L/min

security: temperature sensor, emergency safety switch, limit switch

declaration of conformity: CE





# XTON SANDBLASTER™

A compact, top-quality sandblasting and glass blasting device. Recommended for workshops with a limited working area. The pressure sandblaster is equipped with a unique filtration system and an integrated dust collector. It is characterized by quiet operation and ergonomics of use. The machine is equipped with high-quality gloves resistant to mechanical damage. Sandblasting material is mainly corundum particles, quartz and special (usually glass) granules. It is possible to paint the device in any color from the RAL palette.

## MAIN FEATURES

- dedicated to cleaning steel, cast iron and aluminum surfaces
- to removal paint, rust, carbon deposits and other deposits
- LED cabin lighting
- the device can be painted in any color (powder painting)
- machine can be made of stainless steel



**SAND  
BLASTER™**  
by XTON

## TECHNICAL DATA

weight: 180 kg

external dimensions (l x w x h): 95 x 60 x 185 cm

voltage: 230 V / 50Hz

working pressure: 10 bar

cleaning performance - 25 m<sup>3</sup>/h

degree of cleaning - SA 3.0 - extensive and deep corrosion

air demand to: 900 L/min

work surface (l x w x h): 80 x 55 x 60 cm

work surface 250 L

lighting: LED

nozzle material: tungsten carbide

abrasive valve: MIKRO II

sight glass dimensions (h x w): 27 x 51 cm

maximum load on the worktable to: 200 kg

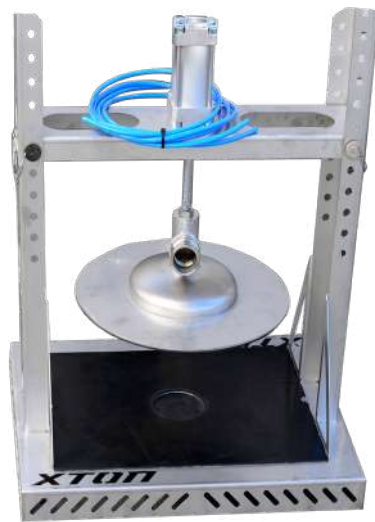
working temperature: 10 - 50°C

declaration of conformity: CE

# ACCESSORIES AND CONSUMABLES

## ADAPTER EURO6

Adapter dedicated to regeneration of particulate filters EURO6 emission standard. It allows the installation of filters in the DPF MASTER FLASH PROFESSIONAL device and effective cleaning



## ADAPTER EURO5

Adapter dedicated to regeneration of EURO5 particulate filters standard.



## FILTER MOUNTING SYSTEM QUICK-X

is a pneumatic adapter for quick installation of a DPF filter in a cleaning machine with use dedicated silicone tubes. Quick-X gives 100% tightness of the connection.



## MOUNTING FLANGES AND TUBES

A set of accessories that allows you to connect any type of filter for passenger cars in the DPF regeneration machine. The selection of the appropriate flange and tube to seal the filter is one of the most important elements in the process of its regeneration, because it directly affects the obtained cleaning results.



## FILTER CARTRIDGES

A string filters used in closed-loop dpf regeneration devices. These filters allow cleaning the liquid and the medium from solid contamination, which increases the effectiveness and efficiency of the fluid.



## XTON ACTIVE CLEANER

An alkaline, low-foaming preparation for cleaning and degreasing. Dedicated to baskets, ultrasonic and pressure washers with closed circulation for working fluid. The best results are obtained with a water solution of the product at 40°C. It contains corrosion inhibitors.



## DPF CLEANER EXTRA POWER

Is a special cleaning agent for DPF, FAP, GPF, SCR, EURO5, EURO6 filters and catalysts.

Active cleaning agents included in the product guarantee high efficiency cleaning through faster removal of impurities from the inside of the filter. Our handpicked active substances ensure maximum cleaning efficiency. The concentrated formula guarantees greater efficiency and effectiveness of operation.



## ROTATING BASKET


Rotary basket with a diameter of 45 cm and a height of 15 cm, intended for cleaning small elements in the devices of Master Cleaner series.




# **XTON**®

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