

PROFILTR

WE MAKE THE WORLD CLEANER

Application not only for the foundry, metallurgical, foodstuffs, chemical, wood-processing industries. Industrial filtration, capturing and separation of solid particles, droplets and aerosols, and gas impurities.

SERVICE DEPARTMENT

- Measurement and diagnostics
- Preventive inspections
- Service of filtration equipment and air-conditioning (units)
- Service of special machines and equipment, mainly in the heavy and foundry industries
- Production and delivery of spare parts, consultancy



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Measurement and diagnostics

Measurement of the volume of extracted air mass and the speed of the flow of air mass in the ducting (TESTO 435-4 and TESTO 435-2 multifunction meters)



Measurement of pressure loss (TESTO 501 a TESTO 512-1 digital difference pressure gauge)



Measurement of the loudness of filtration equipment (TESTO 815 digital sound level meter and CESVA SC260 spectral analyzer)



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Checking of the condition of the bearings and imbalance of ventilators (Adash A4201 vibration meter)



Other instruments used in measuring and diagnostics:

- Pyrometers
- Thermovision cameras
- Cameras for inspecting pipes and sewerage systems

Other procedures:

- Checking of the level of sedimentation or wear of the filtration medium, or secondary filters
- Visual inspection and assessment of the degree of wear or damage to filters, ducting, etc.
- Checking of the efficiency and function of regeneration
- Checking of the state of the sealing of filtration equipment
- Replacement of the bearings of rotational machines and equipment
- Other necessary and related work

Service work is conducted in accordance with an agreed schedule and written order. Part of the inspection is a handover protocol with a technical report on the condition of the relevant equipment.

The technical report contains an overview of the work carried out, incl. the specification of the individual steps and any measures.

Orders for spare parts shall be consulted and carried out on the basis of a written order.



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Service of filtration equipment and preventive inspections

Non-guarantee and post guarantee service includes, for example:



Service of filtration equipment, incl. repairs and regeneration of worm conveyors, gravitational valves, etc.



Inspection of an extraction ventilator using a vibration analyzer, incl. balancing of the orbital wheel, at the customer site, without need for disassembly.



Inspection and replacement of damaged ducting, incl. complete deliveries of group I, II and III ducting.



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Production and delivery of spare parts

Furthermore, we produce, deliver and carry out the replacement of filter elements - of all types - from flat and ring to pocket filters that can be produced on the basis of the model of the element or on the basis of samples provided, or drawings.

Filter elements are mostly made of unwoven textile that is sewn together to make the final shape of the filter element. The most widely used material is polyester and its modifications using various impregnations or antistatic improvements. The entire range, however, is wider.

We also produce cartridge filters and can cover all sorts of customer requirements.



Delivery and replacement of flat filter elements, also for the equipment of our competitors.



Delivery and replacement of pocket filters, also for the equipment of our competitors.



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Delivery and replacement of cartridge filters, also for the extraction equipment of our competitors.



New filter media - flat and ring elements.



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