

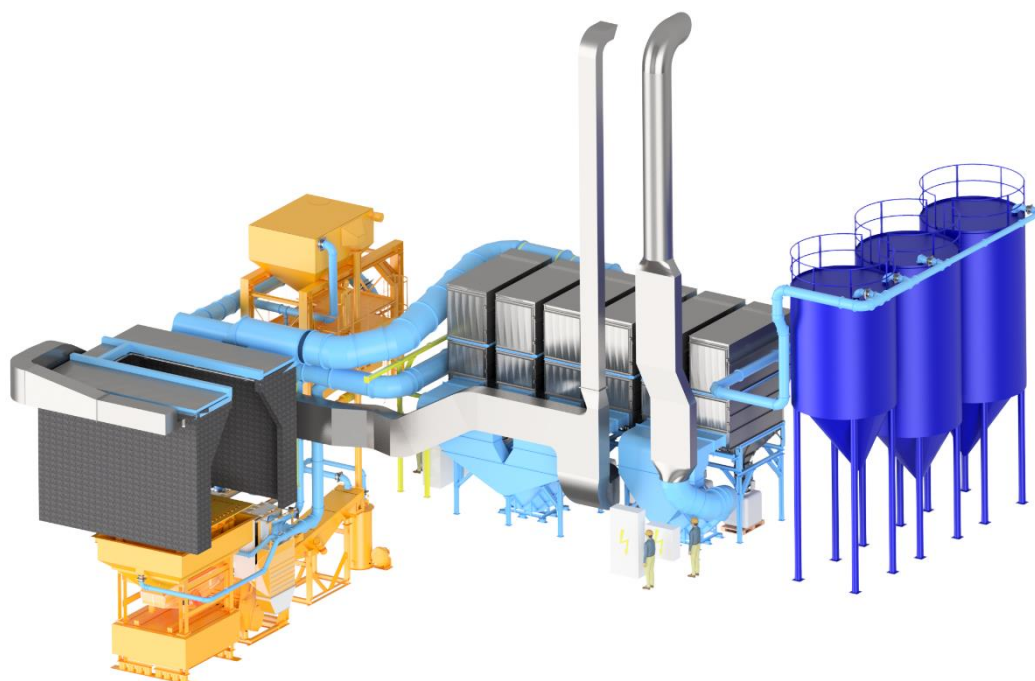
# PROFILTR

**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**



**PRO – FILTR Brno, s.r.o.**  
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## Brief Introduction

Since 1996, we have been working in the field of design (projections), production, supply, installation, and servicing of filtration and air-conditioning equipment. We offer you our experience and would be delighted to have the opportunity to work with you and welcome you as one of our customers.

Pavel Kala  
Managing Director



## Measurement and Diagnostics

Measurement of the volume of extracted air, airflow velocity, air temperature, vacuum and pressure in duct systems. Measurement of filter pressure drops –  $\Delta P$ .

Multifunctional measuring instruments: TESTO 435-4, 435-2, 501, 512-1.



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



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

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Other procedures:

- Inspection for contamination or wear of filter media, secondary filters, filter cartridges, and cassettes. Their production, supply, and replacement.
- Replacement of motor fan bearings, fan repairs, and balancing of impellers on-site.
- Inspection for contamination and wear of duct systems. Production, supply, and replacement.
- Inspection and functionality of control elements, dampers, sliders, and duct closures.
- Inspection of the overall condition of filtration equipment and their peripherals, including turnstiles, gravity dampers, screw conveyors, and more. Repairs as needed.
- Inspection, functionality testing, efficiency of regeneration, repairs, and adjustments.

If you have any requests, please do not hesitate to contact us, and we will strive to agree on an optimal process that works for you.

If we can jointly determine the steps for the work and the supply of spare parts, we will prepare a detailed quotation for you.

Should an on-site visit be required, we will be happy to visit you at a time that suits you.

The actual maintenance work will be carried out within the agreed time frame and scope, or as per the approved schedule, based on an order or concluded agreement.

An inspection includes a handover protocol with a technical report on the equipment's condition.

The technical report contains a summary of the performed tasks, including details of specific interventions, as well as potential recommendations or measures.

Any additional spare parts not included in the initial agreement will always be consulted in advance and supplied based on an order.



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## Service of filtration equipment and preventive inspections

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

Servicing of Filtration Equipment including repairs of regeneration systems, screw conveyors, gravity dampers, and more.



Exhaust Fan Inspection with a Vibration Analyzer including impeller balancing directly on-site at the customer's location, without the need for disassembly.



Inspection and Replacement of Damaged Ductwork including the complete supply of pipes in categories I, II, and III.



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## Production and delivery of spare parts

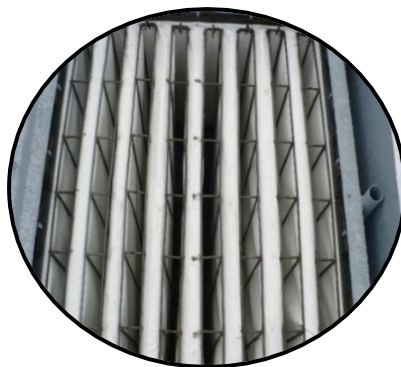
Furthermore, we produce, deliver and carry out the replacement of filter elements - of all types - from flat and ring to pocket filters that can be produced on the basis of the model of the element or on the basis of samples provided, or drawings.

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.



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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## Contacts:

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