

Animalab service technician team specializes in repairs of laboratory and breeding facility equipment. Our key areas are devices such as: dishwashers, autoclaves, incubators, laminar cabinets, water purification systems, IVC system. We carry out inspections according to the laboratory schedules as well as tests for acceptance by technical inspection authorities.

DISINFECTION OF ROOMS AND DEVICES

We offer professional decontamination of rooms and devices – incl. laminar chambers by H₂O₂ (hydrogen peroxide) solution fumigation. The aerosol is spread with a microprocessor-controlled device.

- For rooms up to 350 m³
- Elimination of bacteria, fungi and yeasts, some groups of viruses
- Safe fumigation for all electrical appliances as well as moisture-sensitive materials

We offer a complete range of services related to installation, repair, inspection and validation of laminar flow cabinets, incubators and autoclaves in accordance with IQ / OQ procedures.

LAMINAR CABINET SERVICE

- Laminar flow velocity test
- Main filter integrity test
- Exhaust filter integrity test
- Verification of the electronic components functionality
- Inspection of seals condition
- Preparation and issuing of a checking / validation certificate



HEATER & CO₂ INCUBATOR SERVICE

- Control of the device technical condition
- Replacement of consumables in accordance with the manufacturer's specification
- Testing of temperature distribution and CO₂ concentration, preparation and issuance of checking and validation certificate

AUTOCLAVE SERVICE

- Inspection of device technical condition
- Replacement of consumables in accordance with the manufacturer's specification
- Testing of temperature and pressure distribution
- Conducting a pressure test and assistance of the service during the acceptance by technical inspection authorities
- Preparation and issuing of a test / validation certificate

CONFIGURATION OF WATER PURIFICATION SYSTEMS

Key application of water in the laboratory requires a properly designed and constructed system that purifies and enriches the water fed to the laboratory equipment. Washers, autoclaves and water supplies necessary for direct work with samples must be included throughout the project.

- Initial measurements of the parameters of tap water
- Calculation of water demand in the laboratory
- Project preparation and water purification system optimization

INTEGRITY MEASUREMENT OF HEPA AND ULPA FILTERS, DOP TESTS FOR DEVICES WITH AIR FLOW

We perform leakage and integrity tests of HEPA / ULPA filters used in devices in which the process of precise air cleaning is needed: in laminar chambers and cabinets, isolators, IVC individually ventilated cage systems for laboratory animals.

We perform filter integrity tests:

- after replacing HEPA / ULPA filters,
- as a periodic checking of operating filters according to the service schedule in the laboratory,
- during the final, technical acceptance of new pressure equipment by the customer and technical inspection authorities.

SERVICE AND INSPECTION OF WASHERS

- Analysis of error messages indicated by the washer software
- Verification of the proper functioning of water circuits
- Pump inspection and replacement
- Replacement of structural elements, including dishwasher seals
- Cleaning the spray nozzles in the washing chambers
- Setting up washing and drying programs, configuration of washing cycles
- Detergent dosage setting



SERVICE AND CALIBRATION OF IVC FROM TECNIPLAST, ALLENTOWN, EHRET, ZOONLAB

Offering a service of individually ventilated cage racks we understand every aspect of the animal facility's work processes. Use of appropriate measuring tools enables our technicians assessment of permeability and integrity of HEPA / ULPA filters. With results of error software analysis and air flow tests customer gets feedback about filter replacement. Animalab delivers and install HEPA and pre-filters of all IVC manufacturers.

Design and equipment of animal facilities

With wide range of suppliers in our portfolio and many years of experience in provisioning of animal facilities with BSL1, BSL2, BSL3 biosafety level, we support our clients in long-term design projects. We guarantee that prepared project meets the strategic, research and business goals of the client.

We collaborate with architectural offices preparing detailed designs of the animal facility, pointing to the key factors related to the functioning of animal facilities and their equipment, which are important at the design stage. The most common and key factors include: water distribution systems, ventilation, design requirements for high-throughput equipment such as dishwashers, autoclaves, individually ventilated cages (IVC) and animal cages, as well as workstations to improve staff work.

