



PROJECTS

FLEXIBLE LAB SYSTEMS & EQUIPMENT

LONGOLABS.COM

PROJECTS

LAB SYSTEMS & EQUIPMENT

From modular design to cutting-edge products and overall laboratory sustainability, we've been leading the industry for over 50 years.

The core components of a sustainable lab can be defined by functionality, safety and versatility. At Longo Labs we have the technical expertise to guide you through every phase of your laboratory project, from preliminary planning to demolition, delivery and expert installation. Use our experience to your advantage.





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CONTENTS

With the world's most advanced laboratory equipment and perfectly accommodating design solutions, we're able to meet the fluxuating work requirements in any laboratory, worldwide. The following pages demonstrate the multi-dimensional flexibility in our laboratory projects.

RESEARCH + RESEARCH & DEVELOPMENT

CHEMICAL

ANALYTICAL

CHEMICAL + ANALYTICAL RESEARCH

MOLECULAR SCIENCE

SPECIALTY

06 22 30 38 42 50

PROJECTS

RESEARCH LABORATORIES





EQUIPMENT Bench-mounted fume hood with services on side posts and solvent disposal systems. Wall bench and double work bench. Service wings with mobile benches · Balance table work spaces.

SPECIAL FEATURES Laboratory integrated into an office building. HPLC waste disposal systems. Service columns with work station lighting and partially for room lighting. Decentralized purity gas supply.







EQUIPMENT Secuflow bench-mounted fume hoods with airflow controller AC3 and sash controller. Touchscreen for room air control. Wall bench and double work bench. Service columns.

SPECIAL FEATURES Laboratory ventilation incl. supply air and exhaust air control. Service ceiling supplies the room with supply air and exhaust air, light, mechanical and electrical services. The separation system adaptable for the service ceiling separates the office areas from the laboratory.











EQUIPMENT Secuflow bench-mounted fume hoods with airflow controller AC3 and sash controller. Wall bench and double work bench. Service spines, suspended service boom, bench-mounted service supply units.

SPECIAL FEATURES Decentralized vacuum supply system. Integrated sink machines. Metal components in white variant.











EQUIPMENT Bench-mounted fume hoods with airflow controller AC3 and sash controller. Touchscreen for room-air control. Wall bench and double work bench. Service columns.

SPECIAL FEATURES Delivery time from acceptance of bid up to approval was 6 months. Laboratory ventilation incl. supply air and exhaust air control. Accessible exhausted cabinets. Exhausted mobile housing in ex-proof execution. Service ceiling supplies the room with supply air and exhaust air, light, mechanical and electrical services.







CHEMICAL LABORATORIES





EQUIPMENT Secuflow bench-mounted fume hoods with airflow controller and sash controller. Wall and double work bench.

SPECIAL FEATURES Laboratory ventilation incl. supply and extract air control. Connection to the building management system via Modbus.





| LABORATORY TYPE *CHEMICAL*







EQUIPMENT Bench-mounted fume hood with function display and sash controller. Wall and double work bench. Service columns. Walk-in fume hood with services on side posts.

SPECIAL FEATURES Laboratory integrated into already existing building. Service ceiling supplies the room with supply air, light, mechanical and electrical services.







ANALYTICAL LABORATORIES





EQUIPMENT Approx. 60 Secuflow bench-mounted fume hoods with airflow controller AC3 and sash controller. Wall and double work bench pull-out cabinet.

SPECIAL FEATURES Total concept for supply and exhaust air control. Supply and waste disposal system for flammable liquids.





| LABORATORY TYPE *ANALYTICAL & WET CHEMICAL*







EQUIPMENT Bench-mounted fume hoods with variable exhaust air control system and sash controller. High suspended service booms with high purity gas valves. Wall bench and double work bench.

SPECIAL FEATURES Metal components in white.







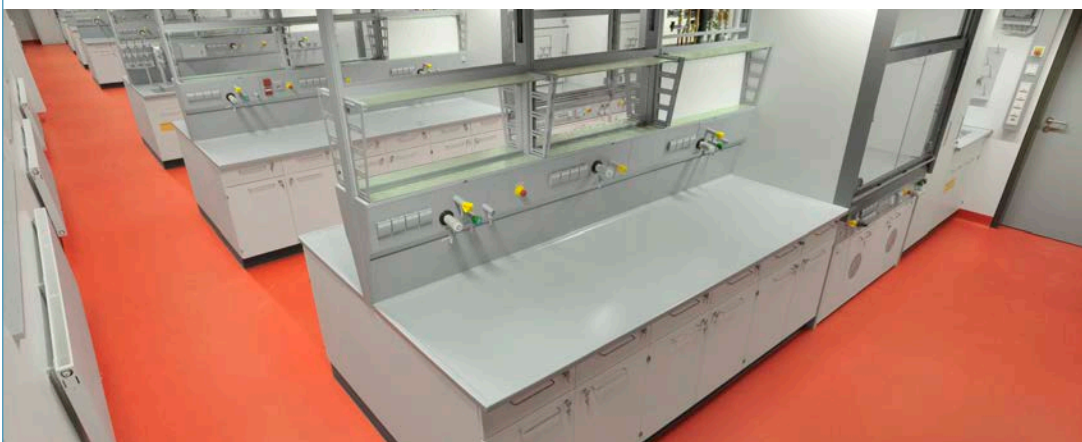
CHEMICAL & ANALYTICAL LABS





EQUIPMENT 200 fume hoods. Laboratory bench as wall bench and double work bench pull-out cabinet.

SPECIAL FEATURES Chemical extraction fume hood with integrated fume scrubber. Solvent disposal system.







MOLECULAR LIFE SCIENCE LABS





EQUIPMENT Service wing, bench-mounted fume hoods and wall benches.

SPECIAL FEATURES Service wings with movable shelves and movable electrical supply units. Withdrawal possibility for gas, emergency power supply, IT and power directly to the service wings. Workspace lighting and room lighting via service wing systems. Freely adjustable bench configurations under the service wings.











EQUIPMENT Fume hoods and sinks, laboratory equipment in conventional laboratory design.

SPECIAL FEATURES Use of profile systems, in which laboratory benches, suspended cabinets and storage tables are mounted reversibly and height-adjustably. Service supply via service ducts, which are also reversibly fastened to the profile system. Profile systems are open or designed as a room separating wall. Self-contained work areas through use of doors.





| LABORATORY TYPE *BIOLOGICAL, RADIONUCLIDE & ANALYTICAL*



SPECIALTY LABORATORIES

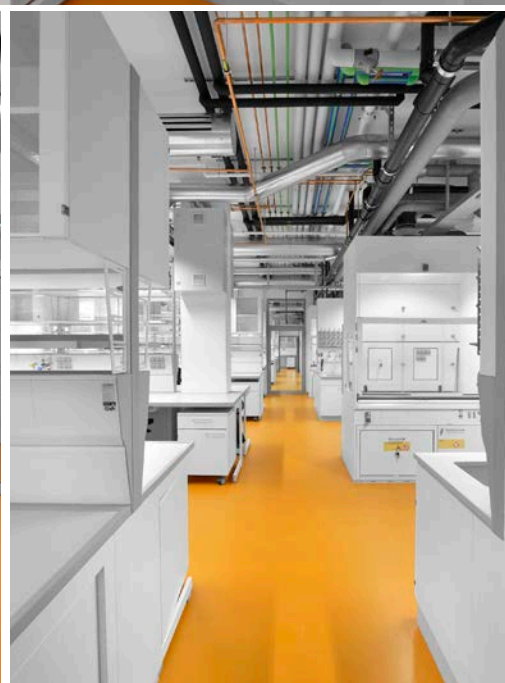




EQUIPMENT Bench-mounted fume hoods with exhaust air controller Airflow Controller 3 and sash controller. Wall-mounted and double workbench with service spines. Bench frames in C-shape with underbench unit on casters and sinks with underbench unit on plinth.











EQUIPMENT Service ceiling with integrated supply and exhaust air system. Cooling, laboratory room regulation, supply of mechanical and electrical services with lighting. Bench-mounted Secuflow fume hoods and walk-in fume hoods with exhaust air controller Airflow Controller 3, Sash controller and group controller.









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