The demands on future-proof laboratories are clearly defined: ultimate functionality, maximum occupational safety and outstanding flexibility with regard to laboratory design and use. We are implementing challenging projects across the globe with our SCALA laboratory furniture system - “Made in Germany”.

Our products have been setting the benchmark in the laboratory industry for some time: first-class quality, award-winning design and perfect project management guarantee a maximum return on your investment.

Waldner is your system partner for everything in relation to your laboratory. The following pages illustrate what we have already achieved for our customers with SCALA.
Building H89

Location: Allschwil / Basel, Switzerland  ·  Laboratory area: Approx. 5,500 m²  ·  Type of laboratory: Biopharmaceutical research laboratories  ·  Architect: Herzog & de Meuron  ·  Equipment: Secuflow bench-mounted fume cupboards with extract air Airflow Controller 3 and sash controller · Wall and double work benches · Service spines, suspended service booms, Bench-mounted service ducts · Special characteristics: De-central vacuum supply systems · Integrated laboratory dish washers · Metal components in SCALA white

Actelion Pharmaceuticals Ltd
Building Northside B596

Location: Frankfurt, Germany  
Laboratory area: Approx. 1,000 m²  
Type of laboratory: Research and development laboratories  
Equipment: Bench-mounted fume cupboards with extract air Airflow Controller 3 and sash controller  
Touch screen for room-air control  
Wall and double work benches  
Service columns  
Special characteristics: The delivery time from the placement of the order to acceptance was 6 months.
  Laboratory ventilation incl. supply and extract air control system.
  Walk-in cupboards with extraction.
  Extracted housings as ex-proof variants.
  Service ceiling supplies the room with supply and extract air, lighting, mechanical and electrical services.
National Diabetes Center

Location: Riyadh, Saudi Arabia · Laboratory area: Approx. 600 m² · Type of laboratory: Research laboratories · Equipment: Fume cupboards with side installation and waste disposal systems for solvents · Wall and double work benches · Service wings with variable benches · Balance tables · Special characteristics: Laboratory integrated in office building · HPLC waste disposal systems · Service wings with workplace lighting and sometimes room lighting · De-central pure gas supply

King Saud University
Luxembourg Centre for Systems Biomedicine

Location: Esch Belval, Luxembourg
Laboratory area: Approx. 1,100 m²
Type of laboratory: Research laboratories
Equipment: Secuflow bench-mounted fume cupboards with extract air Airflow Controller 3 and sash controller · Touch screen for room-air control · Wall and double work benches · Service columns · Special characteristics: Laboratory ventilation incl. supply and extract air control system · Equipped with laboratory devices · Service ceiling supplies the room with supply air, lighting, mechanical and electrical services · The partition wall system can be adapted and separates the office zones from the laboratory zone.
Institute of Inorganic and Analytical Chemistry

Location: Jena, Germany · Laboratory area: Approx. 3,500 m² · Type of laboratory: Chemical and analytical laboratories · Equipment: 200 fume cupboards · Laboratory benches as wall and double work benches · Pull-out cabinets · Special characteristics: Chemical breakdown fume cupboards with integrated fume-scrubber · Supply systems for solvents
Building RKC3

Location: Novo Mesto, Slovenia  Laboratory area: Approx. 4,000 m²
Type of laboratory: Analytical research laboratories, wet chemical laboratories
Equipment: Approx. 60 Secuflow bench-mounted fume cupboards with extract air Airflow Controller 3 and sash controller · Wall and double work benches · Special characteristics: Overall concept for supply and extract air control system · Supply and waste disposal systems for flammable liquids
Building K

Location: Paderborn, Germany  
Laboratory area: Approx. 2,500 m²  
Type of laboratory: Chemical laboratories

Equipment: Secuflow bench-mounted fume cupboards with extract air Airflow Controller 3 and sash controller  
Wall and double work benches  
Special characteristics: Laboratory ventilation incl. supply and extract air control system  
Connection to the building control systems via Modbus
Application Center

Location: Staufen, Germany · Laboratory area: Approx. 350 m² · Type of laboratory: Technical centre · Test laboratories

Equipment:
- Bench-mounted fume cupboards with function display and sash controller
- Wall and double work benches
- Service columns
- Walk-in fume cupboards with side installation

Special characteristics:
- Laboratory integrated into existing building
- Service ceiling supplies air to the room, lighting, mechanical and electrical services
Fume cupboards and extraction devices
Bench-mounted fume cupboard...................................................20, 22
Secuflow bench-mounted fume cupboard ....................................2, 3, 4, 6, 19, 24, 26, 27, 28, 30, 31
Bench-mounted fume cupboard with side installation ..................12, 13
Walk-in fume cupboard with side installation ...............................23, 34
Low level fume cupboard with side installation ............................23
Special application fume cupboard ...............................................23
Housing .......................................................................................9
Permanent enclosure ...................................................................9
Extraction arm .............................................................................2, 3, 8, 9, 14, 15, 24, 26
Shelved hood ................................................................................6
Service modules
Service wing ................................................................................14, 15
Suspended service boom ..............................................................5
Service column .............................................................................8, 9, 11, 16, 17, 18, 19, 23, 34, 35
Service ceiling ..............................................................................8, 9, 11, 16, 17, 18, 19, 32, 33, 34, 35
Laboratory benches and sinks
Laboratory benches ......................................................................5
Double work bench .....................................................................4, 5, 6, 7, 8, 10, 11, 13, 17, 19, 20, 21, 23, 24, 26
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Bench with H-frame .....................................................................16, 17, 18, 26, 27
Bench with C-frame .....................................................................34
Mobile table ................................................................................9, 12, 14, 18
Laboratory sink ...........................................................................2, 7, 10, 22
Laboratory sink module ..............................................................6, 9, 13, 15, 23, 25
Spill up on service spine ...............................................................8, 16
Balance table .............................................................................6, 9, 15, 23
Sliding element "Sekretär".............................................................35
Sliding element "Protector" .........................................................3, 13
Storage cupboards
Underbench unit on plinth ...........................................................4, 5, 8, 10, 12, 13, 15, 17, 20, 22, 23, 24, 27, 30
Underbench unit on castors ..........................................................6, 9, 14, 17, 24, 26, 27
Underbench unit with sliding element ..........................................4, 8, 14, 17, 24, 26
Underbench unit with sliding element for safety cabinet ..............6, 7, 10, 11, 13, 16, 17, 18, 19
Overbench cabinet .......................................................................7, 14, 17, 27
Emergency cabinet .......................................................................9
Pull-out cabinet ...........................................................................12, 13
Underbench unit for acids and alkalis .........................................12, 13, 25
Underbench unit for acids ............................................................6, 9, 14, 17, 24, 26
Underbench unit for flammable liquids ........................................2, 6, 8, 12, 15, 19, 22
Safety cabinet for flammable liquids ............................................3, 12, 31
Supply and disposal
Waste disposal system for flammable liquids ..............................6, 12

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