

# BM-BENCH

The **TEKLAB Biomedical instrument maintenance bench** is designed to enable testing and maintenance of biomedical devices in hospital workshops. It provides a professional working environment for electro-mechanical maintenance and testing of various medical instruments.

## BM-BENCH Highlights

### TowerLine workbench with great ergonomics

An integrated and ergonomic bench improves working efficiency

### Insulation level monitoring

Quick testing of the insulation level of medical instruments

### Medical instrument testers and simulators

Defibrillator and infusion pump testers, patient simulators etc. enable quick and reliable testing of biomedical instruments

### Safety

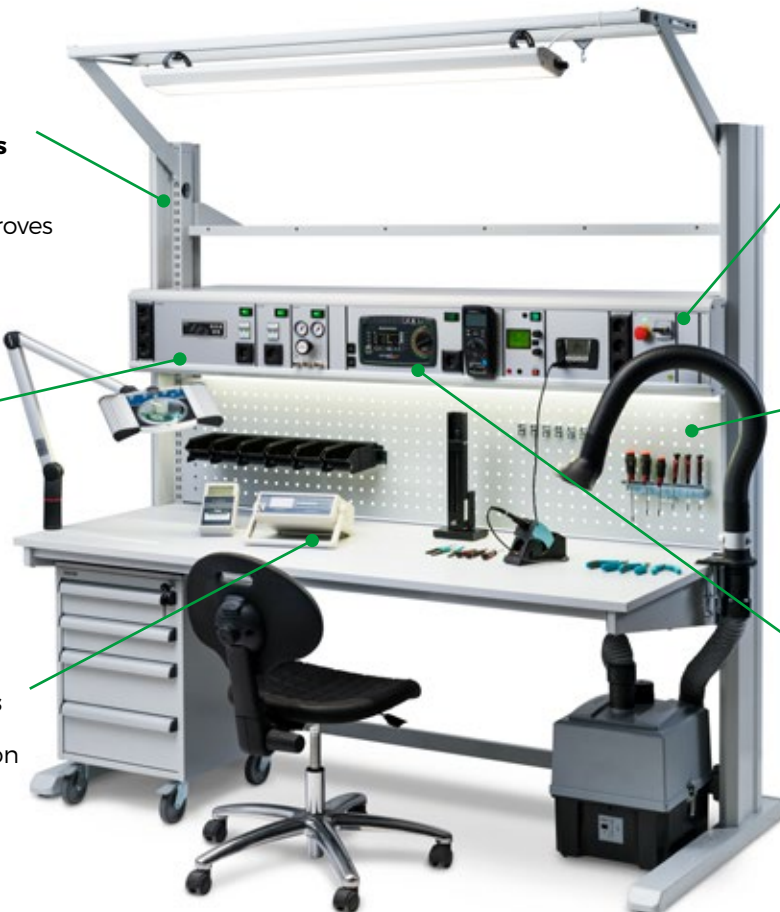
Electrical supply unit with protection systems improves safety

### Well-equipped for electrical maintenance

Quality devices and tools for electric, electronics and mechanical maintenance

### Safety testing

Mandatory tests per IEC/EN 62353 and DIN VDE 0701-0702 using a single tester



# PROFESSIONAL BIOMEDICAL INSTRUMENT TESTING

Often hospitals are equipped with biomedical instrument maintenance workshops to enable quick response time for the service. Typically, the workshops are designed for electrical and mechanical maintenance and for testing biomedical instruments.

The measurements and documentation must be done in accordance with binding international standards for medical devices.

The **TEKLAB** Biomedical instrument maintenance bench offers a professional environment for the following tasks:

- Electrical safety testing (biomedical + electrical instruments)
- Defibrillator testing
- Infusion pump testing
- Respiration technology testing
- HF surgery function testing
- Patient simulating
- Photometry and interior light monitoring
- Insulation level monitoring of devices
- Electrical and mechanical maintenance

The customer can choose which of the testers are needed in their application. There are test cables and adapters available to connect the testers to different manufacturers' instruments.

An accredited calibration service is available for all medical test instruments.

## Benefits

### Meets the regulations

All instruments designed for biomedical testing meet the international regulations. The reliable test instruments provide full reports for documenting purposes.

### Improved working efficiency

The **TEKLAB** Biomedical instrument maintenance bench offers professional instruments and great ergonomics enabling fluent maintenance and testing.

### Reliable calibration service

Regular calibration service is available for all biomedical instruments to ensure their accuracy.

### Low lifetime costs

Robust workbench construction and instrument integration enable extremely long lifetime for the bench. This results in low lifetime costs.

### Quality and experience

**TEKLAB** solutions are in use in demanding industrial applications in more than 100 countries worldwide. This experience shows in the high quality of the **TEKLAB** solutions.

All **TEKLAB** solutions are manufactured by Kontram in Finland.

**TEKLAB**<sup>®</sup>  
by kontram

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