

# CT-BENCH

**TEKLAB Calibration training bench** offers a professional training environment for temperature and pressure calibration. The all-inclusive solution is designed for institutes providing process industry training in the following fields:

- Oil & gas
- Petrochemical
- Energy, power plants
- Food and beverage

**TEKLAB** Calibration training bench is based on the industry-leading calibration system including a workstation, a multipurpose calibrator and instruments, software and training materials.

## CT-BENCH Highlights

### Set of process instruments

Real industrial sensors and transmitters enabling authentic training

### Integrated instrument panel

Keeps the workplace well organized

### Ergonomic workbench

Practical design improves efficiency in training by reducing set-up time

### Calibration software

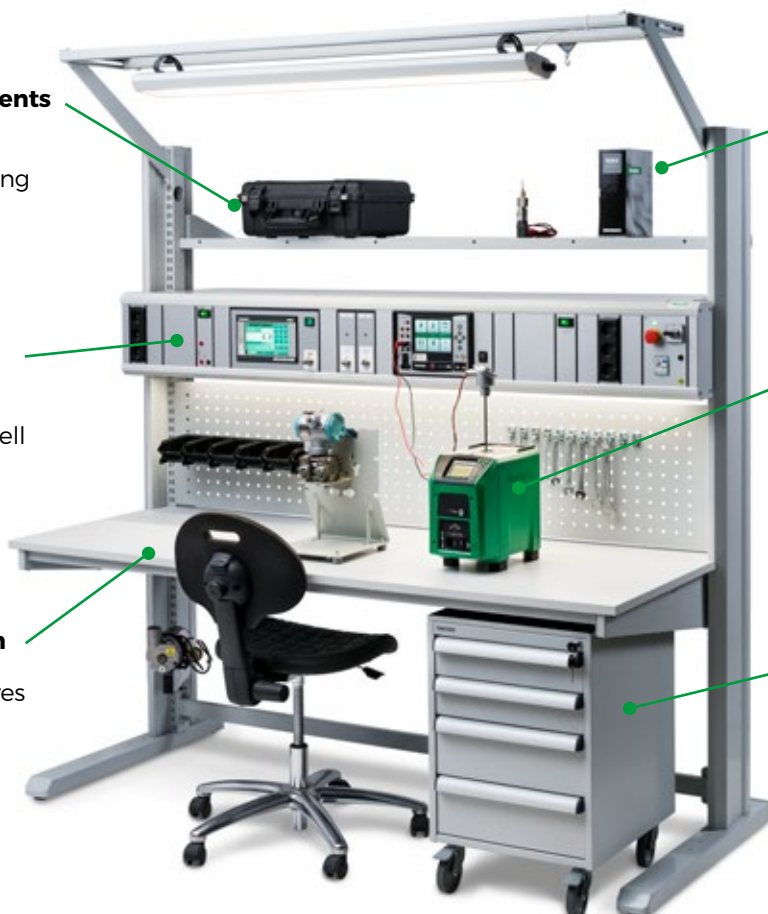
Suitable for training automated calibration procedures

### Calibration equipment

World-leading technology for temperature and pressure calibration

### Training materials

Calibration fact sheets can be easily adopted for training purposes



# ALL-IN ONE CALIBRATION TRAINING SOLUTION

Calibration is crucial in process industry to ensure high and consistent product quality, to comply with regulations and quality systems and to improve safety. The most common process instruments to be calibrated are temperature and pressure transmitters.

The **TEKLAB** Calibration training bench is suitable for training calibration including all typical instruments and technologies.

- Pressure transmitters, switches and gauges
- Electrical converters, frequency meters
- Temperature transmitters, thermocouples, RTDs
- HART, FOUNDATION Fieldbus, Profbus PA
- Automatic pressure and temperature calibration
- Documenting and management of calibrations

The process instrument set includes different type of sensors and transmitters for temperature and pressure calibration. The students can train both the calibration of HART and fieldbus instruments. All work is done via a multipurpose calibrator which is easy to operate via a touch-screen display.



The calibration software is used to learn correct managing of the instrument database and to store calibration data reports automatically.

The solution includes also background materials about calibration procedures, which the instructor can easily adapt into practical training.

## Benefits

### Authentic training

By working with real industrial instrument and calibrators, the students are able to meet the requirements of working life.

### All-in one solution

Complete training bench, instruments and commissioning support conveniently from a single provider.

### Time and space saving

The integrated concept reduces footprint and provides quick set-up time for laboratory work.

### Safety

All **TEKLAB** workstations come with high level electrical protections systems improving safety.

### 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

## Contact

### Kontram Oy

Tuupakantie 32 a  
P.O.Box 741  
01741 Vantaa, Finland  
Telephone: +358 9 8866 4500  
Email: [kontram@kontram.fi](mailto:kontram@kontram.fi)  
[www.kontram.fi/en](http://www.kontram.fi/en)

## TEKLAB DISTRIBUTOR:

