

High precision on-site measurement and calibration KAL – calibrating precisely on-site



KAL 84

- Manual pressure generation
- 0,2 % of max. value

halstrup-walcher calibration devices

- mobile units with longterm accumulator
- Reference pressure measurement with highest accuracies
- programmable pressure sequences (via PC, KAL 100/200)



KAL 100 / KAL 200

- Automatic pressure generation
- 0,1 % (KAL 200) / 0,2 % (KAL 100) of max. value

Applications

- Pharma industry: cleanrooms
- Hospitals: operation theatres, blood pressure monitoring equipment
- Air-conditioning: pressure measurement (incl. volume flow)



High precision on-site measurement and calibration KAL – PC Software Tool



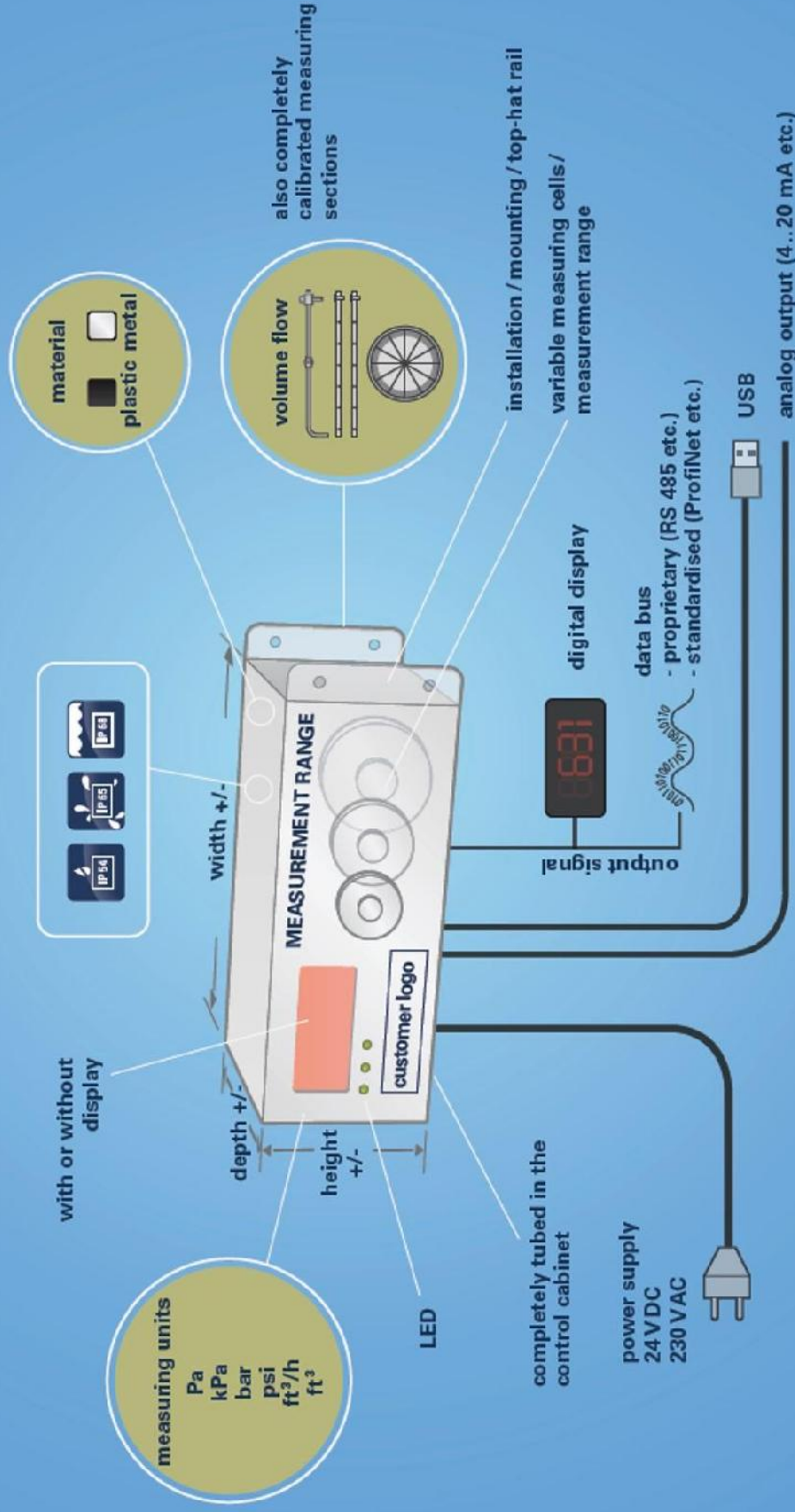
The screenshot displays the KALx00 software interface, which is used for high-precision on-site measurement and calibration. The interface is divided into several sections:

- Act. pressure:** A section for active pressure measurement, featuring a unit selector (kPa) and a "measure U" button. A red circle highlights the "Measure mode" button.
- Settings:** A panel for configuring the device, including:
 - Unit pressure: hPa
 - Autom.: Zero
 - %-Step: 1%(PC)
 - 2nd Row: hPa
 - Language: English
 - store: store
- meas.:** A section for measurement, including a "meas." button and a "Log." checkbox.
- Setpoint [hPa]:** A section for setting the target pressure, with a value of 0,0 and a range of < 1200.0 [hPa] to > -1200.0 [hPa].
- Percentage:** A section for setting the percentage, with a value of 0.
- Pressure %:** A table showing pressure values and durations.
- Buttons:** A set of control buttons including "Auto", "insert", "delete", "Save", and "Open".
- Footer:** A status bar at the bottom indicating "Disconnected from KALx00".

A red arrow points from the "Measure mode" button in the top screenshot to the "Measure mode" button in the bottom screenshot, indicating a transition or comparison between the two states.

Disconnected from KALx00

Customer-specific pressure transmitters OEM solutions for several applications



Calibration services

DAkKS calibration laboratory for pressure



DAkKS calibration of pressure measurement devices

- High-grade, complex calibration according to standardised procedure DKD-R 6-1
- Estimation of the margin of error of the calibration
- PTB calibrated device as measurement standard (Measurement standard in Germany)
- Calibration certificates are international accepted

When do we recommend a DAkKS calibration?

- For measuring points which are critical for the quality of products / services
- Measurement devices, which should be used for further calibrations (factory calibrations, ISO quality management as well as DAkKS laboratories)



Accredited calibration laboratory in accordance with
DIN EN ISO / IEC 17025

- Negative / positive pressures of -10 mbar to 20 bar in gases
- Absolute pressure of 0,25 bar to 20 bar in gases

