

# Dynamic universal testing machine: Walter & Bai LFV 63KN

## Technical data

- Test force static: 63 kN
- Test force dynamic: 50 kN
- Stroke: 100 mm
- Max. sample length: 690 mm
- Test frequency: 0.1 - 40 Hz

## Measuring configuration

- Acquisition rate: 8100 Hz
- Resolution: 16 bit
- 2x DMS measuring channels
- Analog inputs and outputs:  $\pm 10$  V
- Macro length sensor  $l_0$ : 10 - 500 mm
- Width change sensor: 0.4 - 30 mm

## Areas of use / applications

- Determination of static material and compound characteristic values
- Determination of breakage vibration load cycles and fatigue strength through classical Wöhler tests
- Graduated (variable load collectives) application of vibration stress to samples of the same type
- Freely programmable test sequences (static, dynamic and combined test sequences)

