

# LT-Digitizer Measuring Amplifiers



This strain gauge amplifier simplifies the measurement of forces and torques

- Accuracy class = 0.0025
- USB connection
- Simple installation and operation
- Two, four or six synchronous channels
- Software can be configured without any programming knowledge
- Delivered in transport case





## LT-Digitizer Measuring Amplifiers

### Properties and features

In order to use the measuring amplifier comfortably in mobile applications, the product has been trimmed down to a small size and low weight. Despite its robust aluminium housing, the amplifier weighs barely over 1 kg when fully equipped with six synchronous channels.

If more than six channels are required, then up to four LT-Digitizer units can be used simultaneously on one computer.

The supplied configurable “VN-Digitizer” software offers a significant advantage over other measuring amplifiers. Aside from the hardware settings, this software allows a suitable interface design to be created for the application without the need for programming knowledge. This allows for self-explanatory operation, even with complicated measurements.

### Application areas

Thanks to its low weight, the measuring amplifier is ideally suited for on-site calibration tasks when used in combination with force / torque transfer units and torque transfer wrenches. The four-channel version can be used in connection with strain cylinders for inspecting concrete testing machines, for example.

When used for multi-component measurements with MKA multi-component transducers, the software simplifies the sensitivity correction between the individual channels using a prepared matrix.



### Versions

Two, four or six-channel versions.

The amplifiers are delivered ready for connection. An installation CD, power supply unit and cable, USB cable, remote control and transport case are included in the delivery.



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