VKS-0180

8 channels. Sampled simultaneously.



High-speed data acquisition based on FPGA technology

The VKS-0180 acquires all eight measuring channels at exactly the same time and processes them in parallel – at up to 1 MHz sampling rate and 0.01 % FS accuracy. Each channel is preconfigured to your requirements.

Truly simultaneous
All 8 channels sampled at once – no multiplexing.

Parallel processing
FPGA, µC and high-speed ADC handle all channels in parallel.

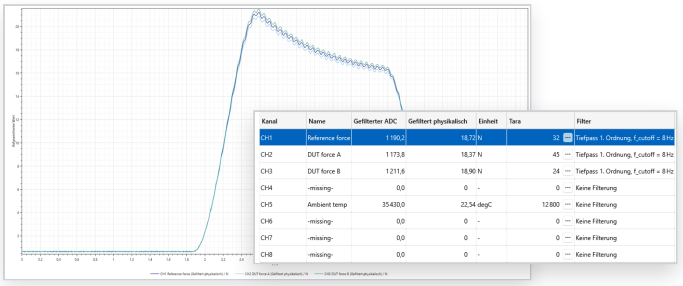
Up to 1 MHz
Fast capture of dynamic events on all channels.

Flexible inputs
Each channel as voltage or current input.

Factory configured
Each channel preprogrammed to your specification.

Convenient PC software
Live display, recording, calibration and filters.

Software



- Live readings in physical units
- Custom channel names and units
- Tare and digital filters
- Calibration with reference load
- Recording, charts, data export
- Save and load presets
- Device lock against changes
- Adjustable sampling frequency

Technical data

Channels	8, sampled simultaneously
Input types	Voltage or current, per channel
Architecture	FPGA, µC, high-speed ADC
Sampling rate	up to 1 MHz
Resolution	16 or 24 bit (per module)
Accuracy	0.01 % FS
PC interface	USB and Ethernet
Power supply	24 V power supply (included)
Dimensions	200 × 60 × 180 mm (W × H × D)
Weight	950 g
Software	PC software, multi-format export



8 numbered channel inputs



Rear: USB, Ethernet, power

Interested in the VKS-0180? Ideal for research and development – configured for your measuring task.

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