Precise, High-Speed Data Acquisition Solutions for Lab, Test Stands or Longterm Monitoring

Versatile DAQ Software and Devices

Our product range includes DAQ instruments and DAQ systems, data acquisition software and data acquisition cards, signal conditioners such as bridge amplifier or pulse generators, and accessories such as precision attenuators or synchronization units.

Data Acquisition Instruments
- High speed transient recorders
- Data acquisition instruments
- Data logger
- DAQ synchronization

Data Acquisition Software
- TranAX - Universal data acquisition software
- BallAX - Data acquisition software for Ballistics
- AE-LabAX - Acoustic emission analysis
- PowAX - Power analysis software

Data Acquisition Cards
- PCI and PCIe data acquisition cards
- 2 - 240 MHz sampling rate at 14 or 16 Bit
- 100 mV to 100 V input range
- DC precision < 0.1 %
- Scope measurement or data streaming

DAQ Accessories
- Precision Attenuators 100:1 and 1000:1
- Trigger generators
- Strain Gauge Amplifiers
- Low Noise Amplifiers
- AE Pre-amplifiers

Hardware Engineering
- PCB design
- FPGA programming
- Chassis conception
- Test stand construction

Support and Services
- Loan devices
- Measurement support
- Post-processing assistance
- API programming and support
TraNET® FE
Longterm Monitoring | Research and Development | Lab Instrument

- Up to 32 channels in one device
- 2 – 240 MS/s sampling rate at 14 or 16 bit
- Various form factors available (204, 404, 19" Rack, Dust-Proof)
- Gbit Ethernet
- Autonomous measurement
- DC or AC power supply

TraNET® EPC
Test Stands | Research and Development | High Performance Applications

- Up to 64 channels in one device
- 2 – 240 MS/s sampling rate at 14 or 16 bit
- High performance backplane
- High data throughput for data streaming up to 640 MB/s to the internal SSD
- Windows 10
- Intel i5 or i7 CPU
TranAX® data acquisition software enables simple operation of the measurement hardware without programming knowledge. Keep track of your measurement curves with flexible waveform displays. With the integrated formula editor, simple to complex calculations can be performed directly on the measurement data from the hardware. Recurring measurement task can be automated with the powerful Measurement Flow Control (MFC) and the results can be presented with the help of the report generator in the documentation window.

- Several different measurement modes (Scope, Multi-Block, Streaming, ECR)
- Scalar value calculation
- FFT analysis
- Formula Editor for post-processing
- Multi-Task measurement flow control
- ActiveX/.NET remote control
- Data Saving in different open file formats (HDF5, ASCII, Segy, others on request)
About Us

We are a medium-sized company based in Switzerland. Since the founding year of 1980, we have been producing and developing innovative data acquisition software and hardware. Our activities span a wide range of industries, from energy to automotive or ballistics. We provide complete customer-specific turnkey solutions. We work with distribution partners around the world and we have been certified to ISO 9001:2015 since 2017 which demonstrates the high quality management standard.

Contact

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