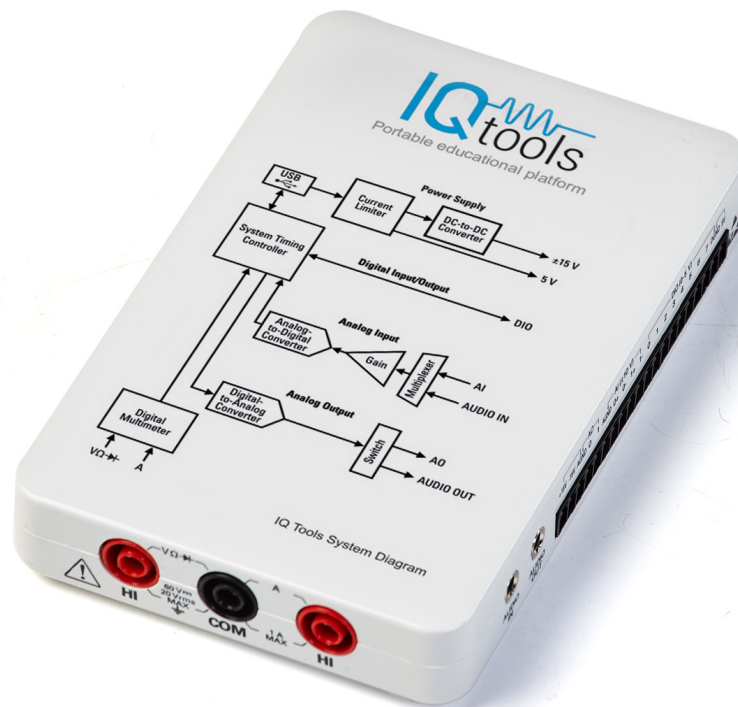


Education laboratory platform



DESCRIPTION

The platform is a multifunction data acquisition device developed specifically for engineering education.

The platform includes Virtual Instruments based on LabVIEW and can help analyze various electric circuits.

The software is intuitive and has user-friendly interface is designed for easy adoption.

FUNCTIONAL FEATURES

- ✓ USB interface to pair to a computer, no additional power supply is required.
- ✓ Automatic detection of Plug-and-Play device.
- ✓ Fully compatible with NI LabVIEW and NI Multisim software, enables simulation and analysis of electric circuits of various levels of complexity.

SOFTWARE

- ✓ User-friendly interface.
- ✓ Graphical and digital representation of results.
- ✓ Virtual Instruments (Oscilloscope, Dynamic signal analyzer, Function Generator, Digital signal generator, Logic Analyzer, Digital Multimeter).

SPECIFICATIONS

- ✓ Analog I/O lines 2 ch
- ✓ Analog signals measuring range +/- 10 V
- ✓ Sampling rate 200 kHz
- ✓ AD/DA resolution 16 bits
- ✓ Digital Multimeter 3.5 digits
- ✓ Measured current 1 A
- ✓ Measured DC voltage 20 V
- ✓ Measured AC voltage 60 V
- ✓ Measured resistance 20 mOhm
- ✓ Digital I/O lines 8 ch
- ✓ Programmable signal levels 5 V, 3.3 V
- ✓ General Purpose Counter/Timer 1 ch
- ✓ Resolution 32 bits
- ✓ Integrated power supply 5 V, 100 mA
- ✓ 3.5 mm jack for audio devices
- ✓ Screw terminal 20-pin connector
- ✓ USB 2.0 interface

KIT

- ✓ Data acquisition device
- ✓ Banana type connectors
- ✓ Audio cable
- ✓ USB cable
- ✓ Software on CD