

4 Channel Detector Acquisition System

赤外線センサ評価キット

Key Features:

Can operate 1, 2, 3, or 4 channels

Optimized for Pulsed Light source between 5Hz and 150Hz

AC coupled amplifier (TIA) configured for detectors between 200K 1Meg (other ranges possible)

Low noise TIA with adjustable gain of 100K or 1Meg

Completely USB powered

Simple TTL trigger input for pulse timing input

Auto calibration to find peak signal timing

Chopper operation to 1KHz+ possible with altered component values

Designed to operate with Pulsed Light source controller board (QDAS-PLE)

Small form factor 1.8" square two board stack. QDAS-PBS, analog amplifier board, QDAS-DIG, digital controller board

On board nonvolatile memory to remember board settings

Optional TE cooler controller board available (QDAS-TEC)

Kit Includes:

QDAS Quad detector driver board

USB power cable

Software and Users Manual

Windows base software written in .NET

Controls QDAS board with up to 4 detectors

Plus one QDAS-PLE pulsed light source

Absolute and relative signal display modes

Acquire data direct to file in binary format

Provides conversion of binary data to CSV

Built in digital filtering, FIR and IIR Bezel filter

User defined digital filter option

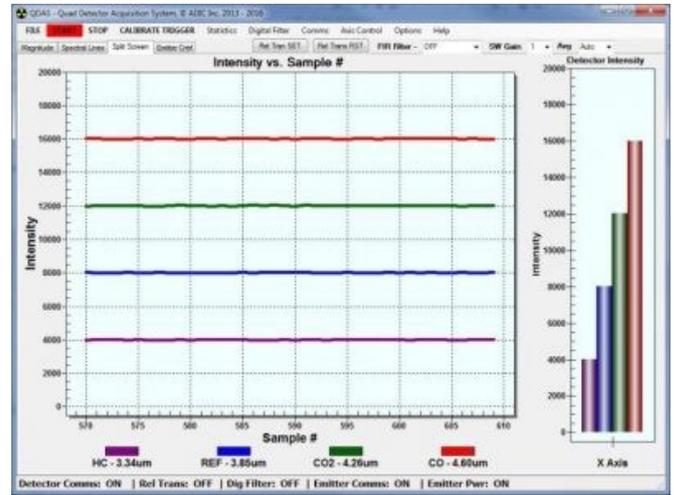
Compatible with Windows XP and later



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Applications:

Gas detection and control
Pollution measurements

Power Requirements:

5.0 Volts, USB power



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