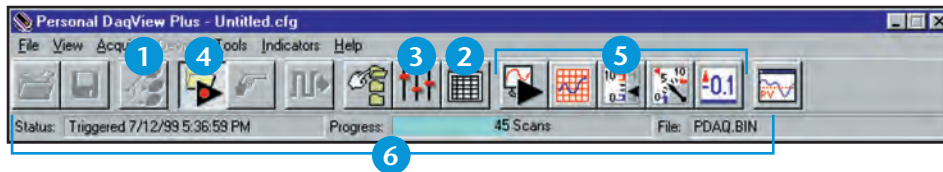


Personal DaqView

Out-of-the-Box Software

Personal DaqView*, IOtech's included *Out-of-the-Box* graphical data acquisition software, is an easy-to-use yet powerful application. It allows users to configure a test, and display or record data within

minutes, without programming. Together with included PostView post-acquisition viewer software, Personal DaqView offers the most functionality of any included software of its kind.



Personal DaqView lets the user:

- 1 Select one of any Personal Daqs connected to the system
- 2 Set up, configure and display analog, frequency, counter, and digital I/O channels in real time
- 3 Easily and quickly configure acquisition parameters such as trigger events, stop events, and acquisition scan rates
- 4 Acquire analog, frequency, and digital I/O channels to disk in real time
- 5 View real-time analog, frequency, and digital I/O using extensive charting and metering displays
- 6 View acquisition status at a glance, including triggered time/date, acquisition progress, as well as acquisition destination file

Physical Channel	User Label	On	Reading	Range	Units	Single-ended/Differential	Measurement Duration	Scale	Offset
PD1_A01	PD1_A01	On	79.472	Type J	°F	Differential	610 ms	1.8	32.0
PD1_A02	PD1_A02	On	72.997	Type J	°F	Differential	610 ms	1.8	32.0
PD1_A03L	PD1_A03L	On	0.0003470	-1.25 to 1.25	V	Single-ended	110 ms	1.0	0.0
PD1_A03H	PD1_A03H	On	-0.00922	-1.25 to 1.25	V	Single-ended	12.5 ms	1.0	0.0
PD1_A04L	PD1_A04L	On	81.785	Type K	°F	Single-ended	610 ms	1.8	32.0
PD1_A04H	PD1_A04H	Off		-5.00 to 5.00	V	Single-ended	12.5 ms	1.0	0.0
PD1_A05	PD1_A05	On	79.929	Type T	°F	Differential	610 ms	1.8	32.0
PD1_A06	PD1_A06	On	88.111	Type K	°F	Differential	610 ms	1.8	32.0
PD1_A07L	PD1_A07L	On	0.01799	-2.50 to 2.50	V	Single-ended	12.5 ms	1.0	0.0
PD1_A07H	PD1_A07H	On	0.00561	-2.00 to 2.00	V	Single-ended	12.5 ms	1.0	0.0
PD1_A08L	PD1_A08L	On	0.01837	-0.6250 to 0.6250	V	Single-ended	12.5 ms	1.0	0.0
PD1_A08H	PD1_A08H	Off		-0.3120 to 0.3120	V	Single-ended	40 ms	1.0	0.0
PD1_A09L	PD1_A09L	On	0.022568	-0.3120 to 0.3120	V	Single-ended	12.5 ms	1.0	0.0
PD1_A09H	PD1_A09H	On	-0.000567	-0.3120 to 0.3120	V	Single-ended	12.5 ms	1.0	0.0

The Analog Input screen allows the user to:

- 1 Easily configure analog input channels such as voltage and temperature measurements
- 2 View channels through both a physical channel description or a user-defined channel description
- 3 Select the minimum measurement duration for a channel on a per-channel basis
- 4 Display real-time readings of active or enabled channels
- 5 Apply scale and offset for real-time $mX+b$ operation
- 6 Have the spreadsheet automatically “grow” as more channels are added to the system

* **Supported Operating Systems:** Windows 2000®, Windows Vista® x86 (32-bit), and Windows XP®

Personal DaqView

Out-of-the-Box Software

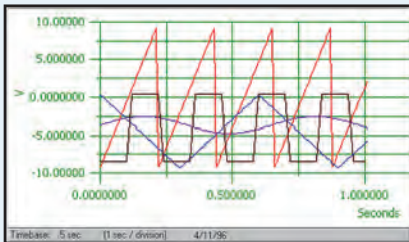
Custom Real-Time Displays

Personal DaqView allows the creation of customized real-time displays using built-in display options, including digital, dial meter, bar graph, and strip chart displays. No programming is required — simply point, click, and drag desired display options to create a custom screen.



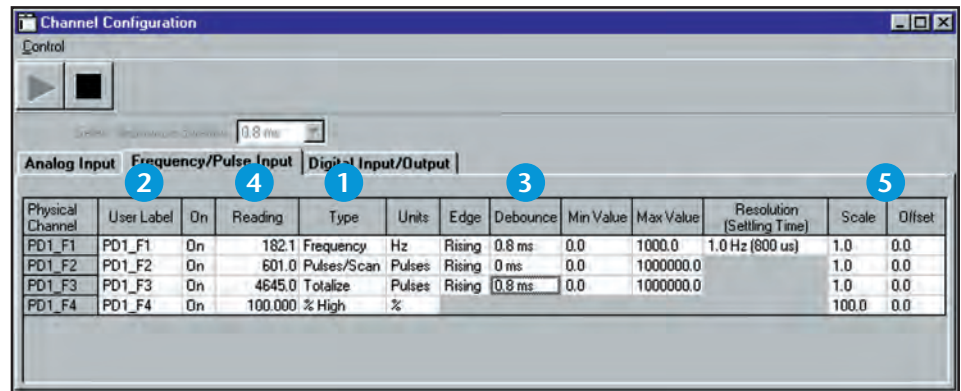
Dial Meter

Personal DaqView allows up to 32 channels to be shown in a dial display format. Each dial indicates instantaneous levels, as well as peak hold and trends.



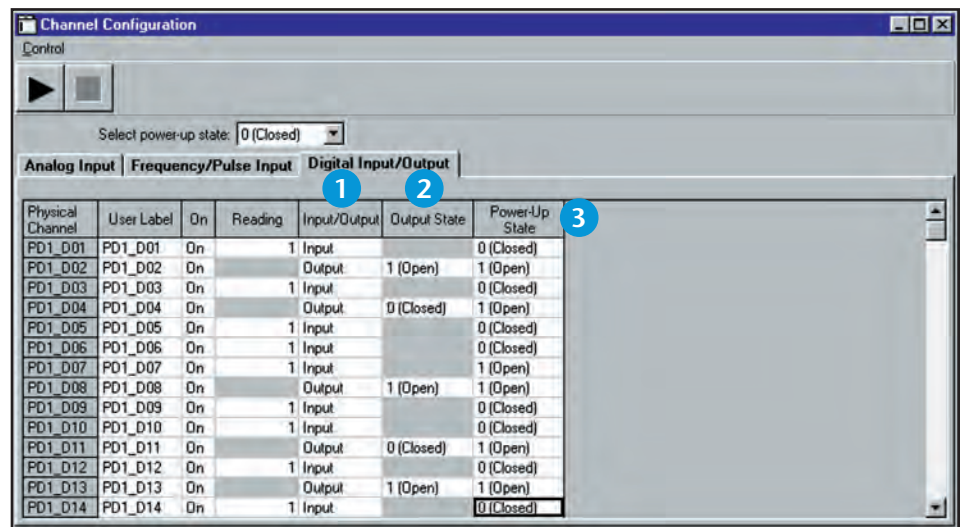
Strip Chart

Display up to 16 smooth-scrolling strip charts of data, all of which scroll at the same rate, and define a full-scale range for each individual channel, as well as adjust the scroll rate to 14 different speeds.



The Frequency/Pulse Input screen allows the user to:

- 1 Easily configure counter channels as frequency, pulse counting, totalized, or duty cycle inputs
- 2 View channels through both a physical channel description or a user-defined channel description
- 3 Set counter input signal debounce, input frequency range, and counter edge sensitivity on a per-channel basis
- 4 Display active or enabled frequency/counter channels in real time
- 5 Apply scale and offset values for real-time $mX+b$ operation



The Digital Input/Output screen allows the user to:

- 1 Read the current state of all digital input channels
- 2 Manually set the state of each digital output channel
- 3 Set the default power-up state for each digital output channel

Personal DaqView

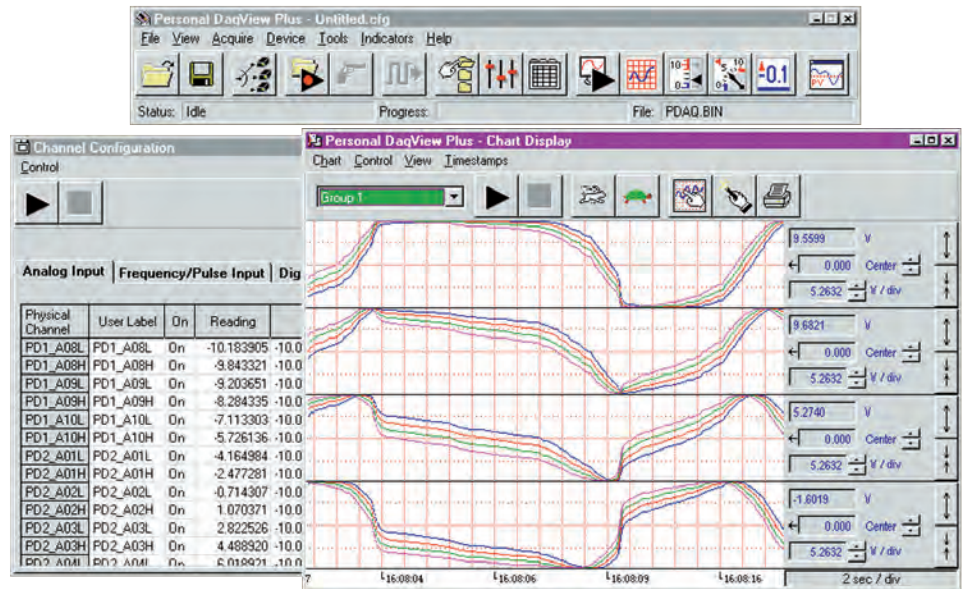
Out-of-the-Box Software



Chart

Personal DaqView software provides advanced charting capabilities, including multiple traces per chart, multiple chart groups, and support for up to 100 Personal Daq devices attached to one PC.

- Allows display groups to be created for customized viewing
- Supports up to 100 Personal Daq devices

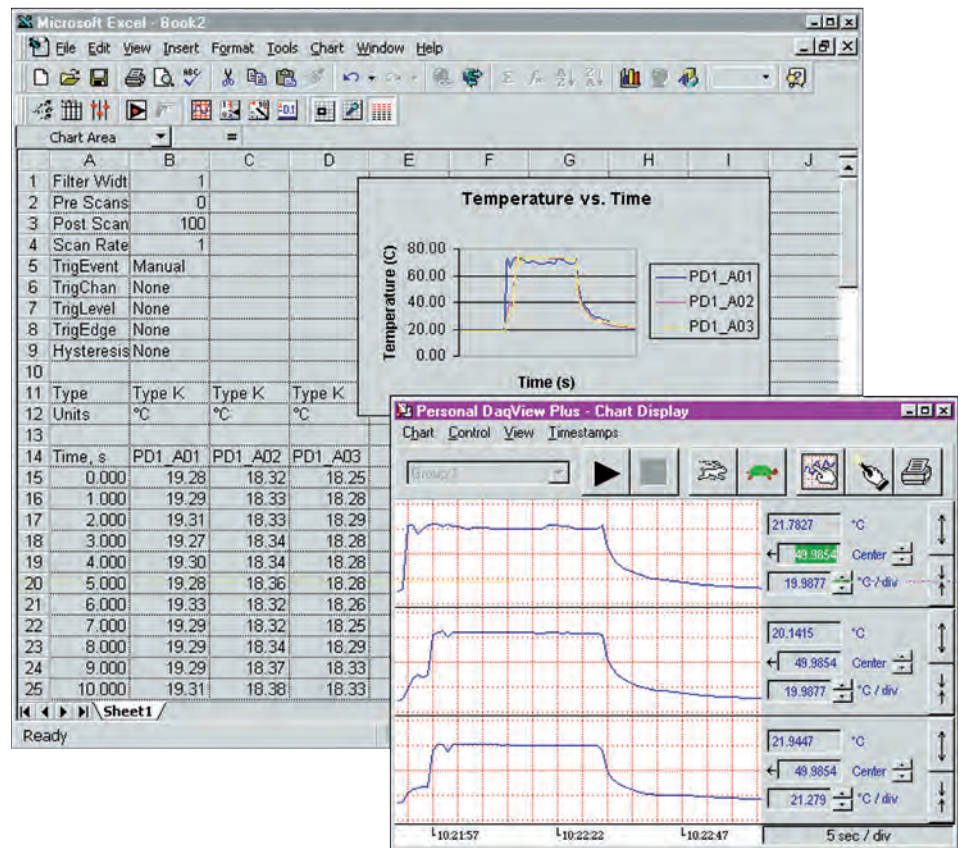


Personal DaqView provides display of multiple channels in one chart

XL Integration

XL integration allows Personal DaqView to execute seamlessly from within Microsoft® Excel's tool palette. Acquired measurements are inserted directly into an Excel® spreadsheet in real time.

- Allows formula creation on acquired data
- Provides control of acquisition from spreadsheet



Personal DaqView allows display of collected data with Excel and software package charts