

*PI660 simplifies channel setup by including a number of tools that help speed test preparation*

**Enter channel name and description**

**Select measurement type and engineering units**

**Enter third-order polynomial for calibrated displays and export**

**Set gain, filter and transducer excitation**

**Programming by menu selection**

Gage type selection determines channel settings that are available and in some cases Engineering Unit conversions that will take place. Automatic gain generation based on expected full-scale measurement value is provided. Channel definitions can be copied, moved, or swapped easily, and channel hardware can be configured and verified from the channel definition screen.

**Programming by database or spreadsheet**

Program 6000 operating parameters by downloading Access database files. Use a spreadsheet or database program to set up a test then download the Access compatible file to PI660. Last minute changes can be made using PI660's menu-based screens then uploaded to the program that created the Access files. Design custom reports to print test setups, calibration and test data.

**Introducing PI660 Transducer Database**

The PI660 Transducer Database is an optional accessory to PI660. It allows the user to create a Microsoft Access style database and to use the contents of that database to define PI660 channels. It is typically used to catalog user transducers and to define the characteristics of the transducers. This allows for quick setup of PI660 channel definitions. The user can define a transducer database with entries for each of his facility's transducers to be recalled for speedy test preparation.

**Easily import setup programming from Database or Spreadsheet**

**The optional Transducer Database stores user-defined transducer and channel setup definitions**

Channel Name	Units	Description	Gain	Filter	Exc. Voltage	Exc. Current	Exc. Polarity	Exc. Sense	Exc. Sense Polarity
0 Rear Axle	Gs	Accelerometer on rear axle	300	0	10	0.000000	0.000000	0.000000	0.000000
1 Body Front	Gs	Accelerometer on body	1	0	10	0.000000	0.000000	0.000000	0.000000
2 Body Rear	Gs	Accelerometer on body	1	0	10	0.000000	0.000000	0.000000	0.000000
3 Head Frame	Gs	Accelerometer on head	1	0	10	0.000000	0.000000	0.000000	0.000000
4 Front Axle	Gs	Accelerometer on front axle	300	0	10	0.000000	0.000000	0.000000	0.000000
5 Frame, Top	uS	Strain gage on frame	1000	0	10	300	0.0204	0.000000	0.000000
6 Frame, Left	uS	Strain gage on frame	1000	0	10	300	0.0204	0.000000	0.000000
7 Motor Temp	C	Thermometer on motor	300	0	10	5	0.000000	0.000000	0.000000

**Copy Channel Information**

Source Channel: Accelerometer

Destination Channel(s): Accelerometer

Copy These Selected Fields:

- Function Name
- Full Scale Range
- Transducer Type & Units
- Description
- Location
- Gain
- Filter
- Excitation
- Autobalance
- Autozero
- Calibration Information
- Special Cal Options
- EU Conversion Equat
- Alarms

All Information

Buttons: Cancel, Copy & Exit, Clear Fields

**Multiple similar channels**

Lots of similar channels to program? Duplicate the programming of a selected channel to one or many other channels. Then just rename the copied channels.