

# InstaCal™

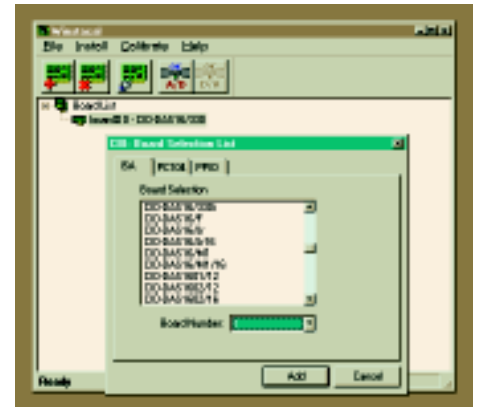
## Data Acquisition Board Installation, Calibration and Test

### Easy to Use Installation, Calibration and Testing

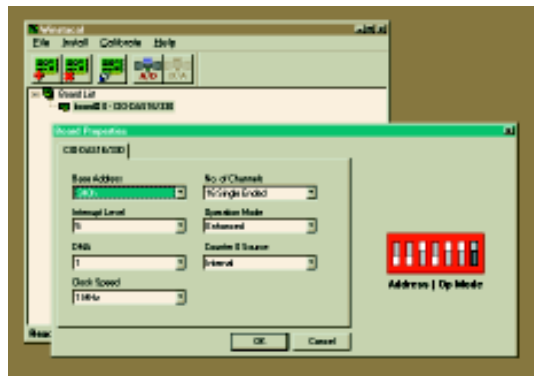
InstaCal is a comprehensive software program that manages everything about your data acquisition hardware. When you plug in a plug-and-play board, such as a PCI or PC-Card DAS1600, InstaCal detects the hardware and assigns resources automatically. You may set special features of the board so your software programs will run as you wish. All the settings are stored in the ComputerBoards configuration file.

Once your board is installed, you may want to check calibration. InstaCal walks you through a professional calibration procedure tailored to the board you own.

Have doubts about a function? InstaCal will test the board both internally and externally giving you complete confidence in the board's operation. If a problem is found, it is clearly identified and a detailed report is generated which will speed a complete repair.



InstaCal supplies Installation, Calibration and Test for EVERY BOARD we've ever made!



### Installation

Installation of a ComputerBoards data acquisition board is a snap with the new PCI and PC-Card, Plug & Play standards. Just install the hardware and let the operating system do the rest. It is that easy! Gone are the days of setting switches and jumpers. Now you are ready to select the special features of the board that control your measurements. Everything else will be taken care of by the data acquisition program you use.

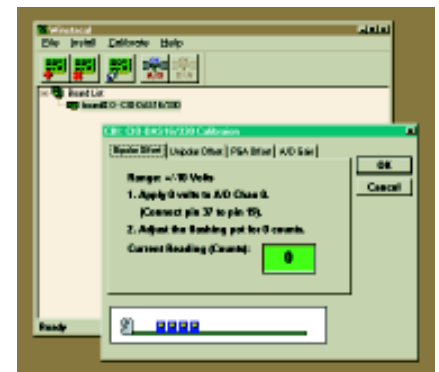
For legacy systems such as Windows 3.x or for ISA and PC104 boards, you need to set those switches and jumpers then configure the software to recognize your board. InstaCal will take you right through that process with diagrams of switches and lots of helpful suggestions for avoiding conflicts.

Installation is automatic for Plug & Play boards, and easy for legacy boards with step by step help.

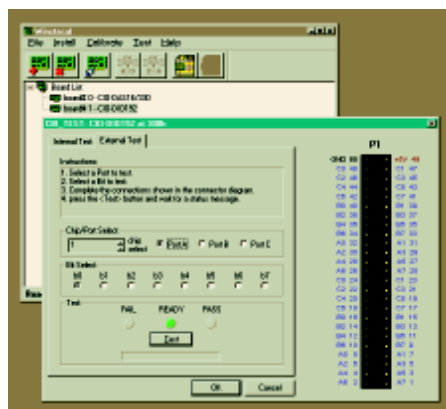
### Calibration

All of ComputerBoards' modern data acquisition boards come with software auto calibration. Special circuitry and precision references on the board allow software to complete a calibration cycle without intervention on your part. Calibration is as easy as choosing the Calibrate icon in InstaCal menu bar, and starting a calibration cycle.

Here we've shown you a picture of how easy it is to calibrate a legacy board which has potentiometers. Each potentiometer is shown with instructions for connecting a calibration signal and adjusting the potentiometer. The reading is shown in real time so you know when the board is calibrated!



Calibration is automatic for boards with software calibration, and easy for boards with potentiometers.



### Test

From time to time, we all want to test our measurement instruments. Maybe we doubt a reading, or the values displayed by our favorite program, or even if the code we are writing is doing what we want it to. With InstaCal you have a factory certified and dependable way to verify those readings. Click on the Test icon and InstaCal will test all of the board's internal registers. When you are satisfied with those functions, it is time to hook up a signal and test the input electronics or control electronics. InstaCal draws you a picture of the signals to connect, stimulates the electronics and gives you a reading that you can depend on.

Problems? InstaCal will tell you exactly what they are and help you speedily resolve them. A report identifies the possible sources and suggests corrective action. You may take the action yourself or you may use that report to speed your way through our factory repair process.

Simple to use, full function tests.

**One copy of InstaCal comes FREE with every order!**