

ADJUSTING THE CAM

To enter CAM ADJUST mode, press the RESET button on the front panel. The unit will read “TEST” on the status window. Then start making parts. Press CAM ADJUST and enter the code to proceed. The display will show “Specify Monitoring Mode.”

There are two different cam settings, “Cam” and “Cursors”.

Cam mode: will enable the unit to just use the ON and OFF metal portion from the setup. Select CAM and press NEXT.

The monitor will scale the inputs and then display the signal of the first channel on the screen.

Press NEXT to view the second channel signal, and so on. When you have reached the final channel, select EXIT.

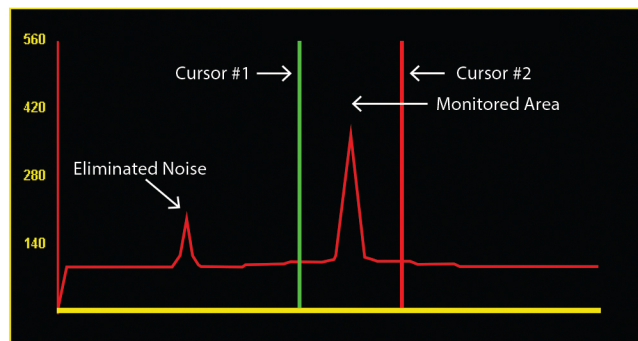
Cursors mode: will allow you to move cursors to adjust how much of the signal you want to monitor. Select CURSORS and press NEXT.

The monitor will scale the inputs and then display the signal of the first channel on the screen.

Press NEXT to view the second channel signal, and so on.

Press CURSOR SELECT and use arrows above to select the area you want to monitor. Anything in the highlighted area is what will be monitored. Press NEXT to advance to the next channel. When finished with all of the adjustments, press the EXIT button.

The setup will now be complete.



ACE INSIGHT *plus*

Setup Guide

TURNING ON THE MONITOR

On the back of the unit, in the lower left corner, is a circuit breaker switch which turns the monitor on and off.

ENTERING THE SETUP MODE

When the unit is powered up, the main screen will be displayed. It is from this screen you will be able to access the setup mode on the INSIGHT *plus*.

This monitor has a 6 digit code to access the setup menu is the month and day displayed on the main screen, along with the number “39”. For example if the date is January 5th, the code would be 010539.

Press Setup and enter code to proceed.

ACE products are manufactured and serviced by:

Anderson Controls, Inc.

Innovative solutions for Quality Control!

19176 Highway CC, Licking, MO. 65542
Phone: 847-882-0019 Fax: 847-882-1689
info@AndersonControlsinc.com

SYSTEM SETUP PAGE 1

After setup has been entered, you will be able to select SYSTEM INFO, configure the CHANNEL SELECT and CAM SELECT, as well as change the # of parts tested.

You can access each of these options by pressing the designated button on the display.

System Info is only an informational screen and cannot be configured. System info lists the software version, hardware inputs, CAM edge, and monitoring status. Changes from the other screens will be displayed here. Press Exit.

Channel Select lets you control each channel and how the signal is monitored.

Press the CHANNEL Number on the keypad to toggle the state. It will show which channels are ON or OFF and whether or not the channel is setup to monitor the PEAK or AREA of a signal.

PEAK will monitor the spike of the signal.
AREA will monitor the area underneath the entire signal variation.

Note: PD sensors should always be setup to monitor the PEAK of a signal.

Cam Select chooses positive or negative cam edge as a reference. This is also commonly known as "on" or "off" metal.

Choose which setting you would like to use as your reference by pressing "On-Metal" or "Off-Metal" This is just a basic setting, and can be more defined from each channel in the "CURSOR" mode after setup.
Press EXIT when complete.

of Parts Tested screen will let you choose how many parts the machine can make while in TEST mode. You may choose either 100 or 500 parts. The TEST mode is used during setup of the machine and will only allow it to run for the designated amount of parts before shutting down the machine. This is a safety precaution so the machine will not run in test mode without monitoring. Press EXIT when complete.

Select "Next" to advance to continue setup.

SYSTEM SETUP PAGE 2

Time Set allows the setting of the on-screen time. To change the time, use the positive and negative arrows to adjust time.

Date Set allows the setting of the on-screen date. To change the date, enter in the 2 digit month, day, and year; then press "Set". For example: 01/05/2019 represents January 5, 2019.

Note: This monitor will not automatically change for daylight savings time or leap years.

RPM Adjust sets the number of parts that pass after an RPM change. The default setting is set at 100 strokes, but this may be changed from 1 to 100. Press "E" (enter) to lock in the changes. Press "C" (clear) to reset to 0.

Note: A setting of 0 turns RPM monitoring OFF.
Press EXIT when complete.

Auto Re-Learn activates or deactivates the systems Auto Re-Learn feature. Turning this feature on allows for Auto Re-learn of the INSIGHT Plus, as if you were to press the RESET button. The Auto Re-Learn will reset the AVG, and the MIN/Max. If the Auto Re-Learn is turned off the unit will function as normal. Press Exit to save your settings.

Exit will bring you out of the setup mode and back to the main screen.