

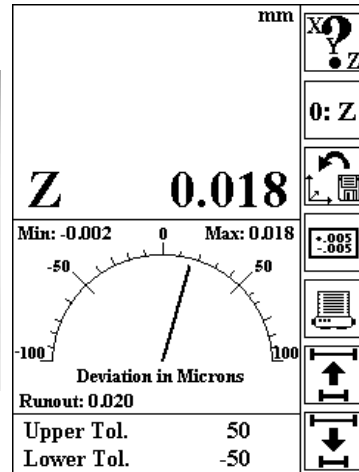
Dial Indicator Mode



Dial Indicator Mode



The Dial Indicator Mode is used to check straightness or flatness. When the Dial Indicator Mode is selected from the System Modes screen, the following screen is displayed:



Important: In the System Modes screen, the Dial Indicator softkey will remain dimmed until a hard probe is qualified. A touch trigger probe will not work in this mode!

Note: Unlike a conventional dial indicator, the Dial Indicator mode's "Recall Datum" feature lets you check the surface of a feature, regardless of its orientation. Before using the "Recall Datum" feature, the Dial Indicator mode alignment is set to the "machine" alignment, regardless of status of other measuring modes.

Dial Indicator Screen



Select Axis: Lets you select the desired axis for measurement.



Zero X, Y, Z Axis: Lets you zero the current selected axis at the current probe location.



Recall Datum: Lets you recall a datum that was previously saved in the Measurements Mode.



Tolerances: Displays the tolerance input screen for setting the upper and lower tolerance alarms. Use the Down Arrow key to move the highlight from the Upper to the Lower Tolerance and back. Use the +1 and -1 softkeys to change the tolerance values. Press and hold these keys to change in greater increments.



Print: Depending on the settings in the system options, this softkey allows you to print or send serial data out the serial port.



Scale Up: Lets you increase the scale of the dial indicator by a factor of 10 (10,100 and 1000 microns).



Scale Down: Lets you decrease the scale of the dial indicator by a factor of 10 (10,100 and 1000 microns).