

CHAPTER 7

Counter/ Scribe Mode

Counter/Scribe

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XYZ Counter/Scribe Mode

X: 2.1
Y: 3.1
Z: 1.2

XYZ Counters

XYZ Counter Mode

The XYZ Counter mode, available on non-horizontal machines only, is the simplest mode in the system. It shows the machine's counters and lets you zero each axis individually, or all 3 axes at once. The machine alignment is always active in this mode, regardless of datum manipulations in other measuring modes.

	mm	
X	34.345	0: X
Y	-0.000	0: Y
Z	0.018	0: Z
		0: XYZ
Probe Diameter = 2.000mm		

Counter/Scribe

Important: In the System Modes screen, the XYZ Counters Mode softkey will remain dimmed until a hard probe is qualified. A touch trigger probe will not work in this mode! If this mode is not visible, it is because it has been disabled in the System Options, or the "Machine Type" option is set to a horizontal machine.

XYZ Counter/Scribe Mode

X: 2.1
Y: 3.1
Z: 1.2

Scribe Mode

'A'
O:

Absolute Mode

'I'
O:

Incremental Mode

ScribeMode

The Scribe Mode, available only on horizontal machines, displays the scribe tip location in machine coordinates. No datum functions are available in this mode. The part must be physically aligned to the machine. The following softkeys are available in the Scribe Mode:

Absolute:

The Absolute softkey lets you set an absolute zero point in any or all axes. The absolute zero point may be reestablished after an incremental zero has been set.

Incremental:

The Incremental softkey lets you set a secondary, local, zero point in any or all axes.

Note: The normal number of decimal places shown, determined by the "Trailing Places" system option, does not apply in the scribe mode. When the system is set to mm, the scribe mode will display 2 decimal places. When the system is set to Inches, the scribe mode will display 3 decimal places.