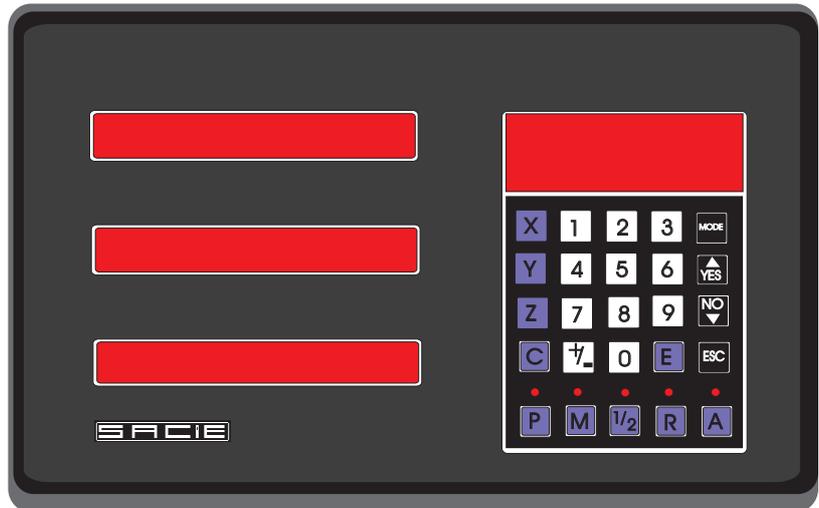# SACIE

OPERATING INSTRUCTIONS FOR DIGIREAD 8003 P COUNTER

Technical specifications:

Supply 220VAC 15VA
Transducer input options
5V TTL
sinewave
RS 422 line driver
Size: 305x190x120mm

MODES OF OPERATION:

X Y Z
Axis keys used to transfer values from keyboard display to the counter or select special functions for the axis.

0 9 +/-
Numeric keys used to enter data into the keyboard display

C E
Press C to clear the keyboard display.
Press E to enter a value on the keyboard or execute a function.

Preset axis:

X Y Z C E

When any numerical key is depressed the preset light will light up. Enter the value on the keyboard.Press the +/- key to change the sign.Press E to enter the value into the keyboard buffer.The preset light will extinguish.Press the relevant axis key and the value in the keyboard display is transferred to the axis .To clear the axis press C and the keyboard display will show zero.Press the relevant axis key to clear the axis.

Note:On counters with Tooloffset the preset and reset functions do only work when Tool 0 is selected when in absolute mode.

Center Find option:

1/2

The centre find option is only operational in incremental mode. Press the Centre Find key and the LED above the 1/2 key will light up.Press the relevant axis key (X,Y,Z) and the axis is reset to zero. Traverse to the second point and press E The axis will display half the distance travelled.To find the centre traverse the axis to zero.

Absolute/Inc :

A

On power on the readout is in absolute mode.To change to incremental mode press the A key.The LED above the A key will be off.To change back to absolute mode press the A key again and the LED will light up again. Presetting or setting an axis to zero in absolute will affect all readings for that axis. In incremental mode only the readings displayed in incremental mode are changed.Absolute readings are not affected.

Reference point :

R

Reference point evaluation works only in absolute mode. Press the R key and the light above the R key lights up. Traverse over the axis until it starts counting.And the Axis indicator light goes off.When all three axis have traversed over there repective reference points press the E key and the light above the R key goes off.