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OPTICAL AND ELECTRONIC PRODUCTS

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SSP serial interface protocol

SYNTAX	Variable Definitions	Function	Return / Response
SSMODE	*none*	*Establish serial connection*	!
SGAIN*n*	*where n = 1, 2, or 3*	*Select instrument gain where 1 = 100X 2 = 10X 3 = 1X*	!
SI*wxyz*	*where w,x,y,z are integers 0..9*	*Set integration time where the sum is z * 10 msec, y * 100 msec, x * 1 second, w * 10 seconds.*	!
SCOUNT	*none*	*Start integration*	C=*y* *where y = instrument count output i.e. 0 to 65535*
SM*nnnn*	*where nnnn = 0000 to 9999*	*Start fast mode integration*	*nnnn* *where nnnn = output count from 0000 to 9999.*
SFILT*n*	*where n = 1,2,3,4,5,or 6*	*Move auto filter slider to position n.*	!
SHOME*x*	*none*	*Return auto filter slider to position 1.*	!
SVIEW*n*	*where n = 0, 1*	*Control flip mirror n = 0 to view, n = 1 to take data*	*none*
SEND*xx*	*None*	*Terminate serial connection*	**END**