

OptoScan control notes

Systems with additional BNC connectors on OptoScan front panel

Upon special request, the OptoScan monochromator front panel can be modified to allow a mixture of USB and external control.

When connected to 'USB Monochromator' on the rear of the USB power supply, the unit functions via USB control once installed, as per the guidance notes.

In addition, four BNC connections are present on the front panel, with corresponding switches:

Input
Grating
Exit
Shutter

When signals are received on these connections and the corresponding switch is set to 'EXT' (External), USB control of this parameter will be overridden, and the unit will respond to external analogue or digital voltages. For further details of the voltages required, please refer to the OptoScan_External Control guide. When the switches are set to 'INT' (Internal), USB control is selected.

Please do not hesitate to contact us if you have any questions during setup (tech@cairn-research.co.uk)

