Technical specifications

Electrical at 25 °C and rated power supply

One-dimensional preamp board

Size  51x67 mm
Connector  9 pole D-sub female
Weight  approx. 30 grams
PSD socket on board  14 pin DIL
Power supply  +15 V +5%
Current consumption  40 mA on both supplies
Photocurrent amplification (jumper selectable)  30, 300, 900, 9000 mV/μA
AC/DC operation:  Without reconfiguration

DC operation synchronization signal  10 kHz

Light source frequency characteristics

AC high-pass filter cut-off frequency  500 Hz (3dB)

Connector pinning (9 pole D-sub)

Pin no:  1  -15 V DC supply  6  Y2 amplified output
         2  GND           7  Y1 amplified output
         3  DC chopper signal  8  GND
         4,5  No connection  9  +15 V DC supply

Connection of 14 pin DIL Socket on board

Pin no:  1,8  Bias voltage
         5,6,7  Y2 Photocurrent detector output
         12,13,14  Y1 Photocurrent detector output
         2,3,4,9,10,11  No connection