A803
Multiplexer/Datalogger

C O M P U T E R   S C R E E N   S H O T
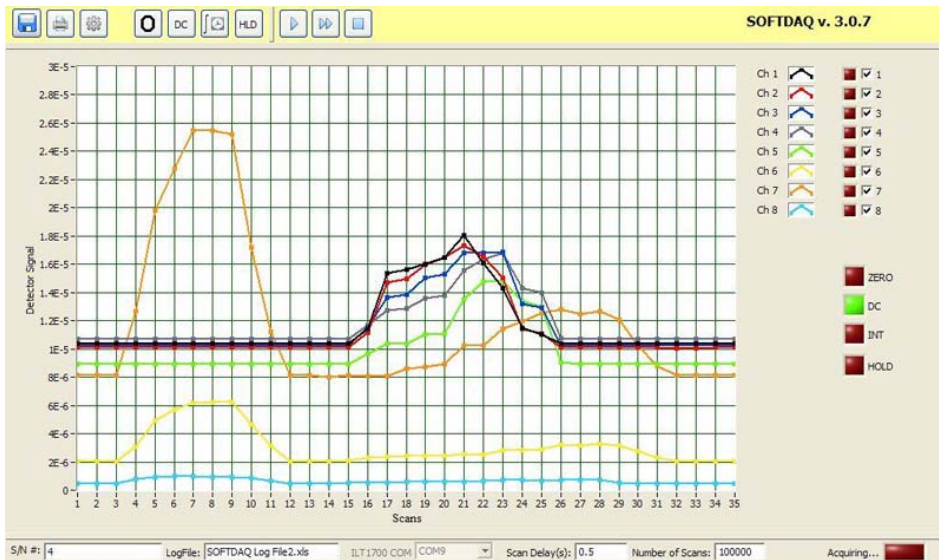
S P E C I F I C A T I O N S
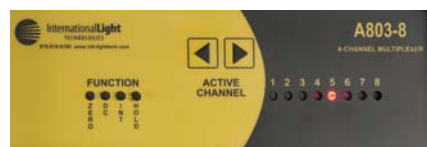
Model A803-8 Front Panel

Model A803-8 Back Panel

Features:
* For use with ILT1700 to monitor and record data from 1 to 8 ILT detectors
* Rapidly change between detectors via software (included) or manually using the active channel buttons
* Data log up to 2 billion data points with time and date stamp
* 10 decade dynamic range
* Programmable units of measurement include lux, W/cm2, Watts, candela, many others
* Remote control of ILT1700 features including Hold, Zero, DC and Integrate
* Software displays light measurements in real-time
* Export data into most standard analysis software such as Microsoft Excel ®
* National Instruments LabView ® interface/ driver that allows customization is available

D E S C R I P T I O N

The ILT Model A803 is designed to provide the Model ILT1700 Research Radiometer with the ability to collect light measurement data from up to eight (8) ILT detectors. Many combinations of ILT detectors up to eight total may be used and can be remotely mounted with custom cable lengths up to 100 feet.

The included software can display data in real-time and easily export to text for further analysis in external software.

Optimum system configuration: A803, ILT1700, personal computer (laptop or desktop) and up to 8 ILT detectors.

Two Model A803 configurations are available:
A803-8 (8 detector channels)
A803-4 (4 detector channels)

Specifications:
Input: Up to 8 ILT detectors

Output: USB 2.0

Dimensions: 2.625" x 7.5" x 4.625"

Weight: 1.75 lbs

Power: Via USB connector

Data Acquisition Rate: 0.5 seconds to 12 hours

Computer Requirements:
OS: Windows XP, 7

Data Output: Excel (.xls) or Text (.txt)

International Light TECHNOLOGIES