#### **ASP Spectro Flux Measurements System**



User Manual



#### Contents

1.1 Operation	P.3
2.1 Checking	P.3
2.2 All OK Screen	P.4
2.3 Using the tool bar	P.5
3.1 Operating the Aux Lamp	P.5
4.1 Operation Settings	P.6
5.1 Measurement Pass/Fail Criteria	P.6
5.2 Changing Criteria	P.6
6.1 Making a Single Measurement	P.7
6.2 Making a Continuous Measurement	P.8
7.1 Measuring Electronic Properties	P.9
7.2 Electronic Results	P.9
8.1 Saving Data	P.15
9.1 Troubleshooting Detection Error	P16

## 1.1 Operation (turning on)



# 2.1 Checking



## 2.2 All OK Screen

A Spectro Flux Measurements System Version 2.3		- X -
File(F) Setting(S) Action(A) Device(D) Help(H)		
Measurement Model © single Contrace © Y-Conve Contrace-2 Measurement Rem Spectral Measurement Measureme	<ul> <li>Once loaded, the DC power</li> <li>supply controller will</li> <li>automaticall load.</li> </ul>	
Quit	Inspecting Facilities Spectrometer USBOK Power supply (DC P5M 6003)OK Power supply (AC 500EP)OK Checkoff	
Allied Scientific Pro	- A (* 155 100	PM 2013

#### 2.3 Operating the Tool Bar



## 3.1 Operating the Aux. lamp

File(F) Setting(S) Action(A) Device(D) Help(H)	
W 25X4003       O single       • IV-Crive       • IV-Crive       • Spectral       Spectral       Quit	Please set appropriate IV settings for the lamp to be tested (e.g. Aux Lamp: 10V, 4A). Next press the ON button to start. After, please push the OFF switch before exiting.
Inspo Spectrometer USI Power supply (DC Power supply (AC Checkoff!	ecting Facilities вОК : PSM-6003)ОК : 500ЕР)ОК
Allied Scientific Pro	- <b>N</b> → 10 200 PM 14/2033

### 4.1 Operation Settings

Spectro Flux Measurements System Version 2.3					
File(F) Setting(S) Action(A) Device(D) Help(H)					
Measurement Model	Setting				
● Single   ● Continue	Setting	Assist lamp correction factor	Spectrum shows		
• IV-Curve • Continue-2	Automatic power supply con	ntrol / control		Set lamp warm up	time
Spectral	Measure Delay	on power supply <b>1</b> seco	nds.	Set maximum	]
Measurement	Integration Times (5 ms to 4 Integration time limit [ms	4095 ms) s] 4095		integration time	
Quit				Facilities	_
l			DK Cancel	ĸ	
			Power supply (DC PSM-600	3)ОК	
			Power supply (AC 500EP)	ОК	
			Checkoff!		
			L		

# 5.1 & 5.2 Measurement Pass/Fail Criteria



# 6.1 Making a Single Measurement



A Spectro Flux Measurements System V	ersion 2.3		
File(F) Setting(S) Action(A) Device(D)	Help(H)		
Copy the screen		CIE 1931 CIE 1976 U.C.S	Color Characteristic
Start <b>+</b>	Click start to take measurement		CIE-y         0           CT         0           CRI         0           Display CRI           CIE-u*         0           CIE-v*         0           WL-d         0
Exit	350 400 450 500 550 600 650 700 750 800 850 900 950 1000 10 (rm) SN Date Time CIE-x CIE-y	DC PSM-6003	WL-p(V)         0           WL-p(IR)         0
		Voltage 0 V	Purity 0
		Current 0 A	Half-width 0
		Watt 0 W	CRI DC 0
		Luminous Efficiency 0 Im/W	Im-B 0
		EQE 0	mW(IR) 0
		AC-PF 0	Count of Peak 0
		AC-Hz 0	SDCM 0
		Detection No.	ITime 1 ms
Allied Scientific Pro	4	Detection ANSI	Signal level Normal

#### ASP Spectro Flux Measurements System Manual 2013



#### 6.2 Making a Continuous Measurement



## 7.1 Measuring Electronic Properties











# 8.1 Saving Data

Save			
Pap	er Model E	nglish	
	Measurem	ient report	
	Path	C:\Data\	
<mark> </mark>	File Name	Test	
		ОК С	ancel

## 9.1 Troubleshooting Detection Error

