STRUCTURE DIAGRAM & DESCRIPTION

Aston's Handheld Adjustable Light Source is our newly designed fibre optic tester, it is aimed at fiber network installations, fibre network engineering testing and fibre network maintenance. Combined usage with our handheld optical power meter, it offers a quick and accurate testing solution on both SM and MM fibers. The Lasersource1 provides 1 to 4 wavelengths and output power can be adjustable to customer requirements.

FEATURES

- Wave ID information can be transmitted when used with our Optical Power Meter.
- Tone generation, 270HZ, 330HZ, 1KHZ, 2KHZ
- Output power can be adjusted
- Output power value is shown on LCD display
- Intelligent backlight control (light intensity can be adjusted according to ambient light, which greatly reduces power consumption)
- AA alkaline and AC adapter for power supply
- Low battery indication

SPECIFICATIONS

Model	AST-Lasersource
Operating wavelength (nm)	10/1550;1310/1490/1550/1625 (others available on request)
Applicable fiber	SM, MM
Laser type	FP-LD (others available on request)
Output Power (dBm)	-5~-12dBm (adjustable)
Adjustable step size (dBm)	< 0.5
Stability (dB, 30min, 20^{0}C)	0.15
Modulation (Hz)	CW, 270, 330, 1K, 2K
Fibre Port	FC/PC
Alkaline Battery	3*AA, 1.5V
Power Supply Adaptor(V)	8.4
Battery Operating time(h)	45
Operation Temperature (^{0}C)	-10～+60
Storage Temperature (^{0}C)	-25～+70
Outline size (mm) / weight	180*90*45(250g)

STANDARD PACKAGE

- Includes - Optical Light Source, 3pcs 1.5V batteries, AC Adaptor, User Manual, Cotton swabs and Soft carrying case.

STRUCTURE DIAGRAM & DESCRIPTION

Aston's handheld Optical Power Meter is our newly designed fibre optic tester, aimed at fibre network installers, fibre network engineers and fibre network maintenance personnel. It is aesthetically designed. Combined with the handheld optical light source, it offers quick and accurate testing on both SM and MM fibers. The unit includes automatic wavelength identification & switching and intelligent backlight control.

FEATURES

- Wave ID—Automatic wavelength identification and switching (when used with a handheld light source)
- Frequency ID/Tone detection - Automatic frequency identification
- Intelligent backlight control (light intensity can be adjusted properly according to ambient light, which greatly reduces power consumption)
- Data storage function, up to 1000 test results
- USB communication port for downloading test results
- Reference power level set up and storage
- Self calibration function
- Auto-off function can be activated or deactivated
- AA alkaline and AC adapter for power supply
- Low battery indication

SPECIFICATIONS

Model	AST-POWERMETERA	AST-POWERMETERB
Calibrated (nm)	850, 1300,1310,1490,1550,1625	
Detector Type	InGaAs	
Measurement Range (dBm)	-70～+6	-50～+26
Uncertainty (dB)	± 0.15(3.5%)	
linearity (dB)	± 0.02	
Display Resolution (dB)	0.01	
Frequency ID (Hz)	270, 330, 1K, 2K	
Wave ID (nm)	1310, 1490, 1550, 1625	
Date Storage Capacity	1000	
Communication Port	USB	
Optical Connector Type	FC, SC, ST interchangeable	
Alkaline Battery	3*AA, 1.5V	
Power Supply Adaptor(V)	8.4	
Battery Operating time(h)	45	
Operation Temperature (^{O}C)	-10～+60	
Storage Temperature (^{O}C)	-25～+70	
Outline size (mm) / weight	180*90*45(250g)	

STANDARD PACKAGE

- Optical Power Meter, 1.5V batteries, AC Adaptor, Manual, Swabs, Soft Case