

## General Description:

FHS series Laser source are advanced version of DLS-3a, with more Function.

### Auto-Wavelength Recognition

The FHS2D02 and FHS2D03 units can transmit with a wavelength-identification digital encrypted protocol, enabling the FHP2 Power Meter to automatically use the proper calibration parameters. This feature reduces the need for communication

between the two technicians and decreases the potential for error.

The FHS series offer excellent stability and portability for accurate fiber optic testing. Single output port provides stable laser power at dual wavelengths. The compact unit operates in either continuous wave (CW) mode or modulated mode. The output power is adjustable through up & down keystroke. A low battery indicator reminds the user of recharging the battery.

## Features:



- Easy-to-use, straight forward operation
- Eye-catching handheld package
- LCD backlight for easy operation in dark environments
- $\pm 3$ dB Adjustable by the user.
- Rechargeable battery inside
- 850 & 1300 available for multimode testing
- Three-year warranty and recommended calibration interval.

## Specifications:

	FHS -2D02	FHS -2D03
Output wavelength (nm)	1310 & 1550	850 & 1300
Emitter Type	LD	
Output Stability <sup>①</sup>	Short Term (15 min.): $< \pm 0.05$ dB @1310,1550nm; $\pm 0.1$ dB@850 & 1300 Long Term (8 Hours): $< \pm 0.1$ dB @1310,1550nm; $\pm 0.2$ dB@850 & 1300	
Central Wavelength	1310 $\pm 20$ nm & 1550 $\pm 20$ nm	850 $\pm 10$ nm & 1300 $\pm 20$ nm
Spectral Width	5nm	
Output Frequency (Hz)	270,1K,2K	
Output Power	-5 dBm	
Adjustable Range	$\pm 3$ dB, 0.1dB/step	
Auto Power-off	Yes	
Back-light	Yes	
Operating Temperature	-10 to +50 $^{\circ}$ C	
Storage Temperature	-20 to+70 $^{\circ}$ C	
Power supply	2pcs * Ni-MH AA(2500mAh)	
Dimension (mm)	160L*76W*45H	
Net Weight	270g	

<sup>①</sup> Note: Valid at 1550nm, CW,23 $\pm 3^{\circ}$ C, Relative Humidity  $\leq 70\%$ , with an FC connector.

## Ordering Information:

### Standard Accessories:

FC/PC, ST/PC,SC/PC interchangeable connectors , Manual, Carrying Bag, and Battery, Software (CD with USB cable), AC/DC charger, Test report.

### Optional Accessories:

Description	Ordering Number	Description	Ordering Number
APC for FC/ST/SC Connectors	FHS-APC	Aluminium Carrying Box	FH-PS
MU Adaptor	FHS-MU		
E2000 Adaptor	FHS-E2000		

### Optional adapters:

FC/PC male -ST/APC female Adapter	FC/PC male -MU/PC female Adapter	
FC/PC male -FC/APC female Adapter	FC/PC male -LC/PC female Adapter	
FC/PC male -SC/APC femaleAdapter		

NOTE: PLEASE CONTACT GRANDWAY FOR AVAILABILITY AND LEAD TIME.

