

## Overview

The FHS1D02 mini-sized dual-wavelength laser source offers excellent stability and portability for accurate fiber optic testing. Single output port provides stable laser power at dual wavelength.

FHS1D02 has a clear LCD with back light and low battery indicator. A 10 minute auto-shut-off feature can be by-passed manually.

## Main functions and features

The compact and cost-effective unit operates in either continuous wave (CW) mode or modulated mode, with modulation frequencies of 270Hz, 1kHz or 2kHz.

FHS1D02 is intended for single mode fibers and it outputs infrared light on 1310nm or 1550nm wavelengths. Related product version FHS1D03 is a similar equipment for multi mode fibers with 850nm or 1300nm output.

Using FHS1D01 with FHP1 series optical power meter, accurate measurement of fiber loss up to 250km distance is possible with 1550nm wavelength.



## Technical specifications

Output wavelength FHS1D02	1310 and 1550nm
Output wavelength FHS1D03	850 and 1300nm
Emitter type	Laser diode
Connector	FC/PC
Output stability	Short term use (15min.): <0,1dB Long term use (≥5h): <0,2dB
Central wavelength	1310 ± 20nm and 1550 ± 20nm
Spectral width	5nm
Output modulations	270Hz, 1kHz, 2kHz
Output power	-5dBm
Auto power-off	Yes
LCD backlight	Yes
Operating temperature	-10...+50°C
Storage temperature	-20...+70°C
Power supply	Lithium battery, 230Vac/5Vdc mains adapter
Dimensions and weight	115 x 62 x 30mm, 140g

### FHS1D02 basic setup

- FHS1D02 laser source
- FC/PC connector (1)
- Lithium battery
- 230Vac/5Vdc power adapter
- Carrying bag
- User manual

(1) ST/PC- or SC/PC-connectors available as factory option.

### Sales: