FIBER IDENTIFIER

WITH VISUAL FAULT LOCATOR FUNCTION

I. INTRODUCTION

20103056 Optical Fiber Identifier is suitable for 0.25mm, 0.9mm, 3.0mm fiber, and no need to replace the clamp block; more convenient than others. It also has built-in VFL function.

II. FEATURES

-- Macro Bending Measurement

Macro bends are the use of fiber-optic bending leak out when the weak optical signal, optical signal to detect the direction and intensity. Does not damage optical fiber, without interrupting communications, and direct detection of 25mm bare fiber, 0.9mm and 2.5mm fiber casing tight jumper.

-- Tone Identification

Optical Fiber Identifier can detect optical signals in the tone signal a fixed load, 270Hz, 1KHz and 2KHz, to identify a specific optical fiber, can quickly find the necessary fiber.

-- Build in VFL Function

The output power of 20103056 Optical Fiber Identifier is 10 mW.

-- Low Battery Monitoring Function

When battery power is insufficient, the low battery LED will remind users to change batteries.

III. STRUCTURE

IV. SPECIFICATIONS

Fiber Identifier Function (Basic)		
Wave Respond	800nm~1700nm	
Pass Through Insertion Loss	250um fiber	1.0dB
	900um fiber	1.0dB
	3mm fiber	2.0dB
Application Fiber	250um/900um/2.5um/3mm optical fiber	
Identified Signal Type	270Hz/1KHz/2KHz	
Identification of Modulated Signals	YES	
Power Measurement	YES	
Display	LED segment	
Tone	YES	
Low Power Monitoring	YES	
Detector Type	1mm InGaAs	
Minimum Detection Power **Test Conditions:**	**1550nm**	
250umOptical fiber	-35dBm	
900umOptical fiber	-35dBm	
3mmOptical fiber	-30dBm	
Test Conditions:	**1310nm**	
250umOptical fiber	-30dBm	
900umOptical fiber	-30dBm	
3mmOptical fiber	-25dBm	
VFL Function (Standard)		
Wavelength	650nm±10nm	
VFL Output Power	10mw	
Mode	CW, 1Hz, 2Hz	
Fiber Type	SM/MM	
Adapter	2.5MM Universal	
General Parameters		
Power Supply	2*AA 1.5V Alkaline Battery	
Battery Working Time	≥ 5000 times of measurements	
Working Temperature	-10℃ ~ +50℃	
Storage Temperature	-20℃ ~ +70℃	
Dimension	230mm x 43mm x 36mm	
Weight	200g	

V. PACKAGING LIST

Standard	User's manual	1
	Calibration certification	1
	Black bag	1
Optional	Visual fault locator	1