



Fiber welding welder OFS-95S

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link to the product: <https://intersell.pl/gb/947-light-welder-ofs-95s-5907813980022.html>

Manufacturer: ShinewayTech

Referention number: OFS-95S

Information:

It has 6 positioning motors, 5 inch touch screen display and supports all popular fibers, performing weld in up to 9 seconds.

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Full product description

OFS-95S shinewaytech Welder

The OFS-95 fiber welding machine is used for precise connection of fiber optic fibers. This connection is characterized by extremely low attenuation and minimally affects the signal in the optical fiber.

The OFS-95S welding machine is an extremely flexible device, the greatest advantage of which is the use of 6 motors with micron precision, thanks to which the fiber fit takes place in 3 axes. In addition, thanks to the built-in barometer and thermometer, the welding machine is able to adjust the welding parameters to the operator's operating conditions. This guarantees very low connection losses (below 0.02dB for G.652). The advantages of the welding machine also include: 7 seconds of start-up time, up to 9 seconds of welding time and an automatic stove, accelerating the welding process.

New! Touch-screen display.

Features:

- 5 inch touch screen display,
- 1.9kg weight (with battery),
- 6 fibre positioning motors,
- Multi-fibre support, m.in. SMF (G.652), MMF (G.651), DSF (G.653), NZDSF (G.655), BIF (G.657), EDF,
- One-fit-all universal holder for welding of the fibers themselves, pigtails, patchcords, FTTH,
- Automatic and manual welding mode,
- Features to improve weld quality: automatic fiber forehead detection, automatic adjustment of the position of the electric arc, estimation of weld losses, electronic compensation based on ambient temperature and pressure,
- Welding time: up to 9 seconds,
- Welding time: up to 25 seconds (adjustable power and time),
- Counter indicating wear and need to replace electrodes,
- Automatic welding of casings,
- Automatic calibration of electrical arc parameters,
- Two V-grooves,
- View the image in X/Y and X+Y mode,
- Simple and fast battery installation, dust-resistant and water-resistant housing,
- DC output for external devices,
- Built-in backlight,
- Resistance to wind, rain, dust,
- Automatically rotate the screen,
- The ability to set a password,
- Multi-language support.

Product specification

Technical parameters	
Supported fibres	CMS (G.652), MMF (G.651), DSF (G.653), NZDSF (G.655), BIF (G.657), EDF
Method of fibre joining	Electric arc
Positioning	In 3 axes, using 6 motors
Welding mode	Automatic or manual
Fibre dimensions	Coat diameter: 80 - 150[μm], Shell diameter: 100-1000[μm]
Permissible length of cut fibre [mm]	8-16
Permitted casings [mm]	40-60
Weld losses [dB]	SMF/BIF max. 0.02, MMF max. 0.01, DSF/NZDSF/EDF max. 0.04
Reflective losses [dB]	Min. 60
Automatic calibration of the el. arc	So
Welding result	View the calculated connection loss
Welding time [s]	Up to 9
Welding time	Up to 25 (adjustable)
Strength of endurance test [N]	approx. 2
Electrode life span	approx. 5000 welds
Display mode	X, Y, X+Y
Fibre enlargement	300X (for X or Y)
General parameters	
Dimensions [mm]	125 x 125 x 135
Weight [kg]	1.9 (with battery)
Display	5 inches with touch screen
User interface	Graphical interface support Multi-language support
Power	220V 50Hz Lithium battery
Battery life	More than 200 welding and welding cycles
Battery charging time [h]	up to 4
Device Startup Time [s]	7
Data port	USB driver-free
Internal memory	5000 welding results (CSV format), 100 screenshots
Working conditions	Ambient temperature: -20 to 55 [°C] Relative humidity: max. 95% Height: up to 5000m above sea level.m. Wind speed: up to 15m/s
Storage conditions	Ambient temperature: -40 to 70 [°C] Relative humidity: max. 95%

The contents of the set

- Welder,
- A set of holders for fibers,

- Lithium battery (1 pcs.),
- Power supply
- Guillotine (cleaver),
- Cooling tray,
- USB cable,
- Quick Start Guide
- Carrying case.

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