A1000 PRO Flagship 6-Motor Core-Alignment Fusion Splicer with OPM, VFL and 7800 mAh Battery KIT

Fiber Optics / Fiber Testing & Splicing Equipment

Complete KIT · Premium range · 6 motors · OPM + VFL · 7800 mAh · Approx. 260 cycles · Splicing 8 s / heating 18 s

KG-FT-FS-A1000-6M-PRO

Equipment type
Single-fiber splicer for FTTH/FTTx networks

Range
Premium, new generation upgraded from A80S

Alignment system
Automatic core-to-core alignment

Key features

- Complete KIT with case, tools and accessories included according to the configuration.
- Premium KONGIA A1000 PRO: an evolution of the A80S with automatic core alignment and 6 motors.
- Removable 7800 mAh battery: approximately 260 splicing and heating cycles.
- OPM with 10 wavelengths and self-calibration; Built-in VFL with an indicative range of 15 km.
- Typical splicing time of 8 s and heating time of 18 s to speed up installation work.
- 5-inch HD touchscreen, 300x magnification and a 180° reversible interface.
- 10 languages, including Spanish, physical buttons and front LED lighting.
- 3-in-1 fiber holder, SOC adapter and cooling tray included.
- USB power output for compatible devices.
- Hard case with drawer, cleaver table and detachable stool.

Technical specifications

Parameter	Specification
KONGIA model	A1000-6M-PRO
Equipment type	Single-fiber splicer for FTTH/FTTx networks

Technical specifications

Parameter	Specification
Range	Premium, new generation upgraded from A80S
Alignment system	Automatic core-to-core alignment
Motors	6 motors with precision guidance
Focus	Automatic
Specified fiber	Single-mode single fiber
Typical splicing time	8 s
Typical heating time	18 s
Screen	5-inch HD touchscreen
Controls	Touchscreen and physical buttons
Magnification	300x
Display	Fiber image, estimated loss and cleave angle
Screen orientation	180° reversible interface
User interface	Graphical GUI
Languages	10: Spanish, English, Chinese, Russian, French, Thai, Italian, Portuguese, Polish and Arabic
Optical functions	Built-in OPM and VFL
OPM	10 selectable wavelengths
Power calibration	Self-calibration
VFL	Approx. reference range of 15 km, depending on fiber and conditions
Battery	Removable 7800 mAh lithium battery
Battery voltage	11.1 V DC, according to the illustrated battery label
Typical runtime	Approx. 260 splicing and heating cycles per charge
Battery removal	Push-release system
Battery indicator	Charge level indicator
USB	Power output for charging compatible devices
Illumination	Front LED for working in low light
Fiber clamping	3-in-1 holder: bare fiber, pigtail and drop cable

Technical specifications

Parameter	Specification
SOC adapter	Included for compatible connectors
Cooling	Cooling tray included
Equipment dimensions	231 x 125 x 153 mm (length x width x height)
Weight with battery	Approx. 1.94 kg
Weight without battery	Approx. 1.44 kg
Carrying case	Multifunction hard case with drawer, cleaving table and detachable stool
Case dimensions	Approx. 30 x 22 x 34 cm
Kit weight with case	Approx. 5.64 kg, including equipment and accessories
Detachable stool	Stated capacity of 150 kg
Package dimensions	Approx. 34.5 x 24 x 33 cm
Reference packaged weight	Approx. 6.19 kg, according to the illustrated configuration
Application	FTTH/FTTx installation, splicing and maintenance
Reference conditions	Times, runtime, range and weights are approximate and depend on configuration and use
Pack size	Complete KIT with case, tools and accessories
Warranty	2 years

Applications

FTTH/FTTx installation
Single-fiber preparation and splicing in access networks.

Field maintenance
Power measurement with OPM and visual fault location with VFL.

SOC Connector Termination
Work with compatible connectors using the included adapter.

ODF and Splice Tray Preparation
Join pigtails to individual fibers and organize protected splices in the tray when assembling optical distribution frames.

Packaging & contents

KONGIA A1000 PRO splicer with OPM, VFL and 7800 mAh battery Multifunction case with drawer, cleaver table and detachable stool Precision cleaver and protective case 7-in-1 stripper and fiber cleaning clamp A pair of spare electrodes; hand and shoulder straps Power cable and adapter; plug according to destination Empty alcohol bottle and 10 cotton pads Brush, air blower and tweezers SOC adapter, cleaver base and cooling tray 100 fiber heat-shrink sleeves and 50 drop cable sleeves 10 fiber protection boxes Equipment manual and documentation

Warranty

KONGIA 2-year warranty.