



Precision Rated Optics

Work with a PRO!

OAW-10 *Optical Arc Welder*



- Lightweight
- Ideal for FTTH
- Fixed V-Groove
- 7-second Splice Time

The PRO OAW-10 Optical Arc Welder is a hand-held precision splicer that allows for the quick and precise splicing of optical fibers. Its compact size makes it suitable for FTTH installations or for quick break fix applications. This v-groove unit weighs just less than 2 pounds!

The OAW-10 has a 7-second splice time, 2.8" LCD monitor and is ruggedized for field use. With auto detection fusion programs, the OAW-10 is extremely versatile.

With Singlemode or Multimode capability this is a great companion to a full featured core alignment unit.

SPECIFICATIONS

Fiber Alignment	Axial: Automatic; Radial: Fixed V-Groove
Alignment Method	Arc Fusion
Process	Automatic
Typical Loss	SMF: 0.03dB; MMF: 0.01dB
Splice Programs	3 Pre-defined: Singlemode, Multimode, OM1
Fiber handling	Fiber holders, 2 pairs (250µm-Black and 900µm/pigtail-Red)
Typical cycle time	7s + 50s (splice cycle + oven cycle)
Display	2.8" Color TFT
Magnification	Camera 140x
Heat oven	Built-in
Sleeve Dimensions	Max 60mm length, 2-5mm Diameter
Power Source	Battery: 7.4V/2200mAh, Li-Ion type, Built-in
Communication	USB, mini USB-plug
Memory	Internal 1MB, External SD-card
Operating Temperature	32° F ~ 113° F (0° C ~ 45° C)
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)
Power Supply	100-240V AC / 6V DC / 1.25 A
Environmental Conditions	Operating: 0 ~ 95% (Humidity), non-condensing Storage: 0 ~ 98% (Humidity), non-condensing
Weight & Dimensions	9.06" x 3.89" x 2.09" / 1.76 lbs (230mm x 98mm x 53mm / 800g)

OAW-10 Optical Arc Welder Standard Package Includes:

Optical Arc Welder, Power Supply, Cleaver, Built-in Battery, Fiber Holders 250µm (black), Fiber Holders 900µm (red), Stripper, Carrying Bag, User Manual

Ordering Information

OAW-10	Optical Arc Welder
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