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ORIENTEK T40 PAS FUSION SPLICER

Advanced core to core Fiber Profile Alignment System



Key Feature:

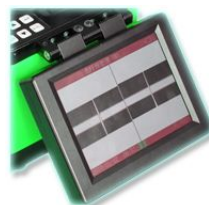
- ① PAS image digital processing system, core or clad alignment is optional
- ② Takes only 8 seconds for splicing, 25 seconds for Heating
- ③ High to 4000 groups fusion records can be stored
- ④ Electrode has a long life; discharging times up to 4000
- ⑤ Built-in high capacity battery, which enables up to 220 times of splicing and heating
- ⑥ 5.7 inch digital high resolution LCD
- ⑦ Can set automatic start of splicing or of heating upon close of the cover



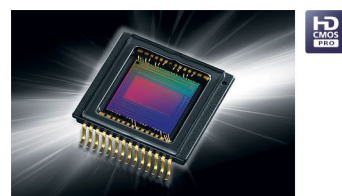
8 seconds for splicing, 25 seconds for Heating



Simplified control & High stability arc



5.7 inch digital high resolution LCD

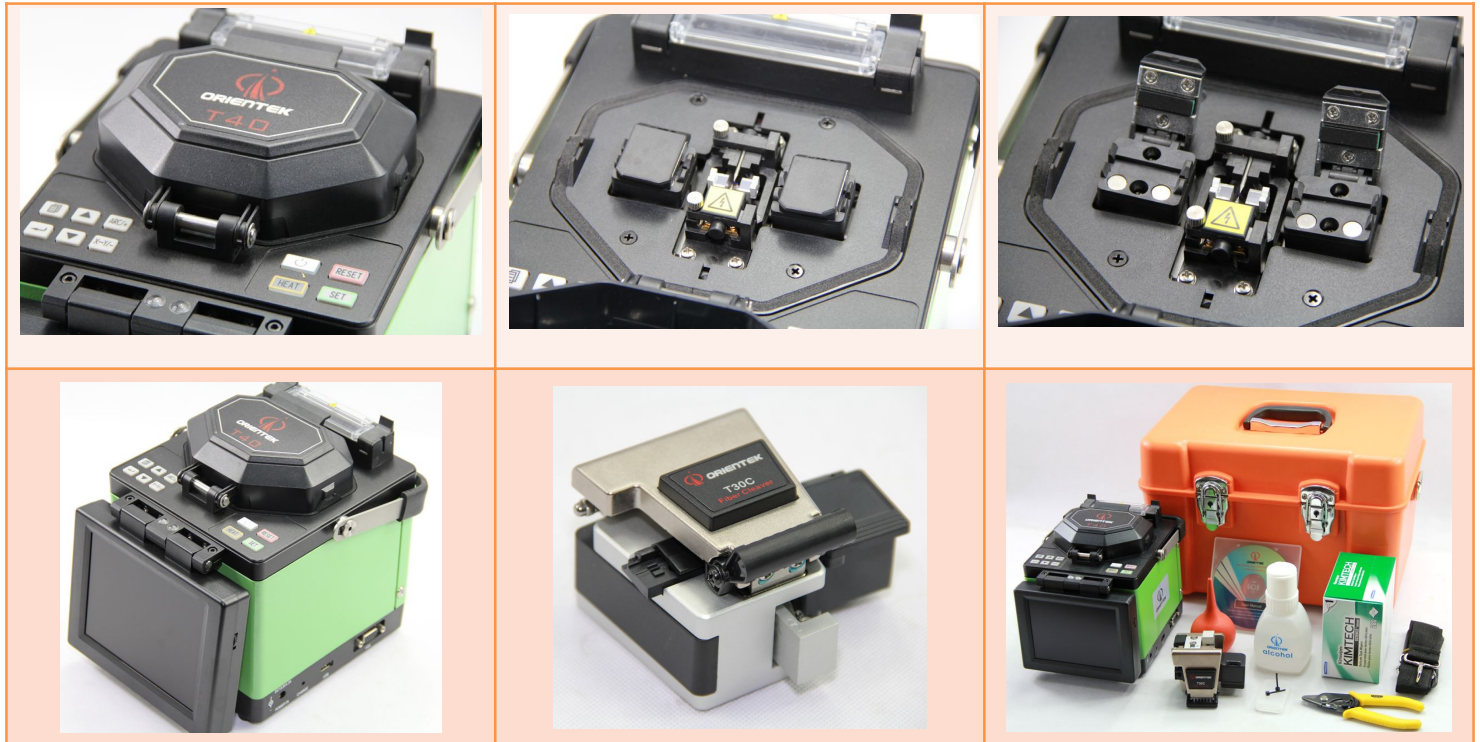


HD CMOS sensor and HD aligner for double separate optical fibers



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Product Image Gallery:



Standard Package:





PAS TECHNOLOGY CORE ALIGNMENT FUSION SPLICER

The T40 PAS Digital Core Alignment Fusion Splicer adopts advanced PAS (advanced core to core fiber profile alignment system) with field engineer ergonomic friendly style, compact sized (include monitor, only 160x150x140 mm) and Light Weight (include battery 2.6Kg), Fast (Splice Time: 8sec, tube heat time: 25sec) .

Widely used for SM and MM Quartz Fiber with diameter 80-150 μ m, Ideal tools for construction and maintenance of fiber and cable in both field and laboratory applications.

Support Chinese, English, Japanese, Germany, Spanish, Russian, Korea.

Main Features:

- ❖ High-resolution true color 5.7 inch LCD display
- ❖ The advanced core to core fiber profile alignment system(PAS)
- ❖ Average splice time: ≤ 8 second
- ❖ Average tube-heat time: 25 second
- ❖ Lithium battery: up to 220 times of continuous splice and heat
- ❖ X/Y axes were displayed meanwhile, Magnification up to 304 times
- ❖ Real time calibrating system ,parameter needn't be adjusted
- ❖ USB data interface &VGA
- ❖ Storing 6,000 groups of splice results.
- ❖ Electrodes Lifetime: 4000 Times



Specifications:

Applicable Fibers	SM, MM, NZ-DS, EDF
Average Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF)
Return Loss	≥60dB
Tension Test	2.0N(200gf) (Standard)
Splicing Program	50 groups
Protection Sleeve Length	20mm, 40mm, 60mm
Battery	220 Splice & Heat
Electrodes Lifetime	4000 times
Language	English
Environmental Conditions	-10 ~ +50℃(operation temperature), 0 ~ 95% RH(humidity), 0 ~ 5000m(altitude)
Power Supply	Alternating Current:100-240 50Hz/60Hz 30W, Direct -current:13.5V/4.5A Built in 11.1V Li-ion battery -harger and AC adaptor
Dimensions	160 (W) *150 (D) *140 (H)
Weight	2.3kg(no battery)

Standard Package:

No.	Item	Quantity
1	Machine (T40)	1
2	Fiber Cleaver with Scrap Catcher(T30C)	1
3	FIS Three-hole Fiber Stripper	1
4	Fusion Splice Protection Sleeves	500
5	Alcohol Bottle	1
6	AC Adaptor(602-120500D)	1
7	Kimwipes Lint-Wipers 280 wipers/box	280pcs/1box
8	Battery Pack (T40bp-118)	1
9	Charger(602-126250W)	1
10	Spare Electrodes 1 Pair	1
11	Cooling Tray	1
12	Instruction CD	1
13	Quick Reference Guide	1
14	Transit Case with Carrying Strap	1



Core Alignment Fusion Splicer Comparison Chart

Manufacturer	Orientek	Fujikura	Sumitomo	Inno	Fitel
	T40	FSM-60S	TYPE-39	IFS-10	S178
Feature					
Applicable Fibers	G.651, G.652 G.653, G.655	G.651, G.652 G.653, G.655	G.651, G.652 G.653, G.655	G.651, G.652 G.653, G.655	G.651, G.652 G.653, G.655
Average Splice Loss	MM: 0.01dB, SM: 0.02dB, DS: 0.04dB, NZDS: 0.04dB	MM: 0.01dB, SM: 0.02dB, DS: 0.04dB, NZDS: 0.04dB	MM: 0.01dB, SM: 0.02dB, DS: 0.04dB, NZDS: 0.04dB	MM: 0.01dB, SM: 0.02dB, DS: 0.04dB, NZDS: 0.04dB	MM: 0.01dB, SM: 0.02dB, DS: 0.04dB, NZDS: 0.04dB
Splice Time	8 Sec	9 Sec	9 Sec	9 Sec	9 Sec
Heating Time(60mm)	25 Sec	35 Sec	30 Sec	8 Sec	51 Sec
Battery	220 Splice & Heat	160 Splice & Heat	100 Splice & Heat	180 Splice & Heat	70 Splice & Heat
Monitor	5.7" TFT Color LCD	5.9" TFT Color LCD	5.6" TFT Color LCD	5" TFT Color LCD	3.5" TFT Color LCD
Electrode Lifetime	4000 Times	unknow	unknow	unknow	unknow

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Orientek Products Line:

Fusion Splicers	Fiber Optic OTDR's	Optical Power Meters	Fiber Optic Tool Kits
			