



Comparative table presenting selected features of SIGNAL FIRE splicing machines available in KOSMOSAT SA

Model	AI-5 PRO	AI-9	AI-30
Fiber alignment	Core	Core	Core
Motor number	6	6	6
Accurate of fiber alignment	0.5 μ m	0.1 μ m	0.05 μ m
Focus magnification	320x	320x	320x
Splicing time	8	5	6
Heating time	18	15	15
Phone app (Android/iOS)	Yes	Yes	Yes
Battery capacity	5200mAh	7800mAh	7800mAh
Splices on 1 fully charged battery	160	260	260
Built-in VFL and OPM	No	Yes	Yes
Fiber holder	3-in-1	3-in-1	3-in-1
Display	5 inch TFT	5 inch TFT	5 inch TFT
Electrodes life time	3.000	3.000	4.000
Spare electrodes set	No	Yes	Yes
Self-closing heater	No	Yes	Yes
Holder for sleeves cool down	No	Yes	Yes
Built-in electric one-step fiber cleaver	No	No	Yes
Carrying and transport	Bag	Case	Case
USB port	Yes	No	No
LED light	Yes	No	No
Machine weight (including battery)	1.91 Kg	2.10 Kg	3.09 Kg
Warranty time	2 years	3 years	3 years