



Korean Technology

- Advanced
- Precise
- Reliable

DBtek

RELIABLE TECHNOLOGY & SMART
PRICING – **THE PERFECT BALANCE**

9000
mAh Battery

4 sec
Splicing Time

15 sec
Heating Time

Type C
USB Charge

CLAD ALIGNMENT

GT40

SPECIFICATION

Splicing Method	Active V-Groove Clad Alignment (4 motors)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652&T G.657) MM(ITU-T G.651)
	DS(ITU- T G.653) NZDS (ITU-T G.655)
Coating Diameter	100µm~3mm
Cladding Diameter	80~150µm
Cleaved Length	5~16mm
Average Loss	SM: 0.03dB MM: 0.01dB DS: 0.05dB
	NZDS: 0.05dB G.657: 0.03dB
Return Loss	>>60dB
Splicing Time	Quick mode : Avg. 4~6sec
	SM mode : Avg. 6~8sec
Splice Programs	Max 300 modes
Electrode Life Span	5500 arcs discharges
Heating Programs	Max 100 modes
Heating Time	Typical 15s
Protection Sleeve	20mm~60mm
Data Output	USB-C Data port
Splice Memory	100,000 Splice data 10,000 Splice image
Battery	Battery Capacity : 9000mAh
	Operation Cycle : 360 cycles (Splicing + Heating)
Power Supply	AC Input 100~240V DC Input with USB-C port - 20V
Monitor	5" Touch screen LCD Monitor 800x400
Magnification	x180, x360, (x450=Double Click)
Weight & Size	Approximate 2.6kg 160 x 140 x 155 (mm)
Operating Environment	Altitude: 0 ~ 5000m Humidity: 0 ~ 95%, non-dew
	Temperature: -10 ~ 50 °C Wind: up to 15m/sec
Storage Condition	Humidity: 0 ~ 95%, non-dew
	Temperature: - 40 ~ 80 °C
Pull Test	1.96~2.25N

* Splicing Time: Measured from the time the fibers enter the screen until the estimated loss is displayed. Splicing time can vary depending on the calibration status.

* Battery: Measured as a 1 minute cycle of splicing and heating. Measured in Power Save mode

STANDARD PACKAGE

Components			
Cleaver	SOC holder	SOC heater cover	AC Adaptor
Cooling tray	Electrode (1 pair)	Battery pack	Power cable
USB cable	Carrying case	Shoulder strap	Strippers

* Please note that all specifications may be subject to future changes.

KEY FEATURES



5-inch Ultra- Responsive Touch Display



Enhanced Optical Zoom



Accelerated Fusion & Heat Processing



Stabilized & Streamlined Performance



Long lasting & Stable Battery Power



Durable Full Metal Body for Premium Performance



User Friendly & Intuitive Interface



Certified Extreme Condition Endurance Test