



## Korean Technology

- Advanced
- Precise
- Reliable

# DBtek

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

**9000**  
mAh Battery

**4 sec**  
Splicing Time

**13 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)  <br>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  <br>NZDS: 0.05dB   G.657: 0.03dB                               |
| Return Loss           | >>60dB   |
| Splicing Time         | Quick mode : Avg. 4~6sec<br>SM mode : Avg. 6~8sec  |
| Splice Programs       | Max 300 modes  |
| Electrode Life Span   | 5500 arcs discharges   |
| Heating Programs      | Max 100 modes  |
| Heating Time          | Typical 13s  |
| Protection Sleeve     | 20mm~60mm  |
| Data Output           | USB-C Data port  |
| Splice Memory         | 100,000 Splice data   10,000 Splice image  |
| Battery               | Battery Capacity : 9000mAh  <br>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  <br>Temperature: -10 ~ 50 °C   Wind: up to 15m/sec |
| Storage Condition     | Humidity: 0 ~ 95%, non-dew  <br>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