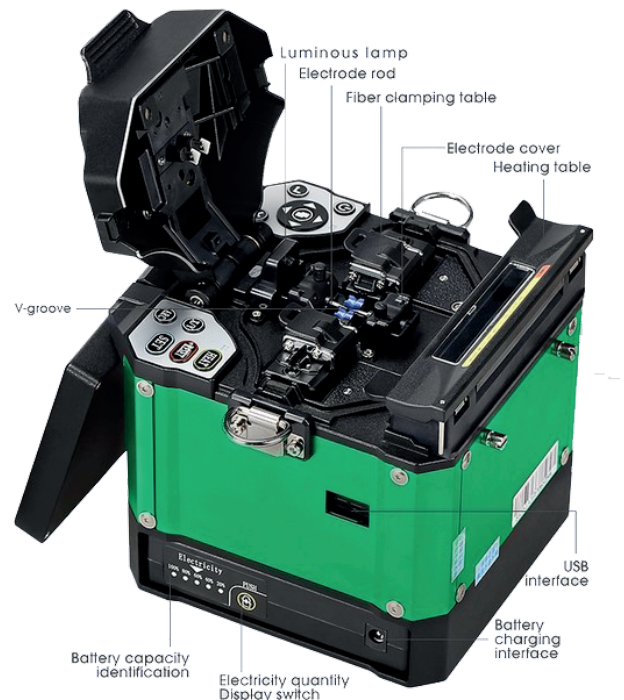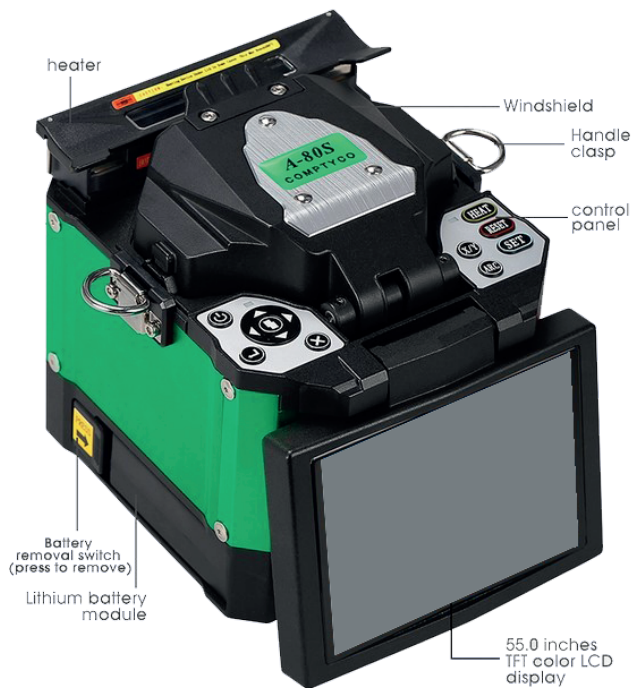# COMPTYCO A-80S Fiber Splice Fusion Machine

Specification:

¤ Voltage: 100V-240V 50/60Hz

¤ Applicable Optical Fiber: SM(G.652&G.657),MM(G.651),DS(G.653),NZDS(G.655) and self-defined optical fiber types

¤ Splicing Loss: 0.02dB(SM), 0.01dB(MM) 0.04dB(DS/NZDS)

¤ Return Loss: Over 60dB

¤ Typical Splicing Duration: 9 seconds

¤ Typical Heating Duration: 26 seconds (configurable heating time and adjustable heating temperature)

¤ Optical Fiber Alignment: Precise alignment, fiber core alignment, cladding alignment

¤ Optical Fiber Diameter: Cladding Diameter 80~150um, coating layer diameter 100~1000um

¤ Cutting Length: Coating layer below 250um: 8~16mm; coating layer 250~1000um: 16mm

¤ Optical Fiber Clamp: Multi-function clamp for bare fiber, tail fiber, jumpers, leather line, changing clamp applicable for SC and other connectors for a variety of FTTx optical fiber and cable

¤ Amplification Factor: 400 times (X axls or Y axls)

¤ Heat Shrink Bush: 60mm, 40mm and a series of miniature bush

¤ Display: 5.0 inches TFT color LCD display. Reversible, convenient for bi-directional operation

¤ External Interface: USB interface, convenient for data download and software upgrade

¤ Splicing Mode: 17 groups of operation modes

¤ Heating Mode: 9 groups of operation modes

¤ Splicing Loss Storage: 5000 latest splicing results are stored in the build-in storage

¤ Built-in Battery: Supports continuous splicing and heating for not less than 200 times

¤ Power Supply: The built-in lithium battery 11.8V supplies the power, charging time ≤3.5h; External adapter, input AC100-240V50/60HZ, output DC13.5V/4.81A

¤ Power Saving: 15% of the power of the lithium battery can be saved in a typical environment

¤ Working Environment: Temperature:-10~+50 , Humidity: <95%RH (no condensation); Working Altitude: 0~5000m, Max. Wind Speed: 15m/s

¤ Size(L*W*H): About 158*130*156mm/6.2*5.1*6.1in