

# ST815 handheld Laser Source

## 1310/1550nm SM/MM/Optical fiber tester/light source

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### FEATURES

- Handhold, easy to operate
- Two to Four wavelength optiona
- Continuous light, modulated light output
- Output double wavelength or three wavelengths through single tie-in
- Output three or four wavelength through double tie-in
- High stabilization
- Auto 10 minutes shut off function
- Big LCD, intuitive, easy to use
- LED backlight switch on/off
- Auto close back light in 8 seconds
- AAA dry battery or Li battery
- Battery voltage display
- Low voltage checking and shut off to save energy
- Automatic wavelength identification mode (with the help of corresponding power meter)

### SPECIFICATIONS

| Key Tech Specifications       |  |
|-------------------------------|--|
| Emitter type                  | FP-LD/ DFB-LD  |
| Output wavelength switch (nm) | ST815 Wavelength: 1310±20nm, 1550±20nm                       |
|                               | ST815B Wavelength: 1310±20nm, 1550±20nm, 1490±20nm           |
|                               | ST815C Wavelength: 1310±20nm, 1550±20nm, 850±20nm, 1300±20nm |
|                               | ST815D Wavelength: 1310±20nm, 1550±20nm, 1625±20nm           |
|                               | ST815E Wavelength: 1310±20nm, 1550±20nm, 650±20nm            |
|                               | ST815MM Multi Mode: 850±20nm, 1300±20nm                      |
| Spectral width (nm)           | ≤5   |

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|   |   |
|---|---|
| <b>Output optical power (dBm)</b>       | $\geq -7, \geq 0$ dBm(customized), 650 nm $\geq 0$ dBm  |
| <b>Optical Output Mode</b>              | <p>CW continuous light</p> <p>Modulization output: 270Hz, 1kHz, 2kHz, 330Hz</p> <p>—AU automatic wavelength identification mode (It can be used with the help of corresponding power meter, red light doesn't have automatic wavelength identification mode)</p> <p>650nm red light: 2Hz and CW</p> |
| <b>Power Stability(dB) (Short time)</b> | $\leq \pm 0.05/15$ min  |
| <b>Power Stability (dB) (Long time)</b> | $\leq \pm 0.1/5$ h  |
| <b>General specifications</b>           |   |
| <b>Working temperature (°C)</b>         | 0—40  |
| <b>Storage temperature (°C)</b>         | -10—70  |
| <b>Weight (kg)</b>                      | 0.22  |
| <b>Dimension (mm)</b>                   | 160×76×28   |
| <b>Battery</b>                          | 2 pieces AA dry battery or Li battery, LCD display  |
| <b>Battery working duration (h)</b>     | dry battery about 15 hours  |

