

# Optic-Master

## 5 in 1 – Handheld optical test equipment for field service

Optic-Master is a hand-held test equipment that provides efficient solutions in installation, maintenance and diagnosis of any type of fiber optic network for the field technicians.

Most frequently used five testing functions combined in a single set of equipment make it possible to examine and repair most types of physical defects in fiber optic links.

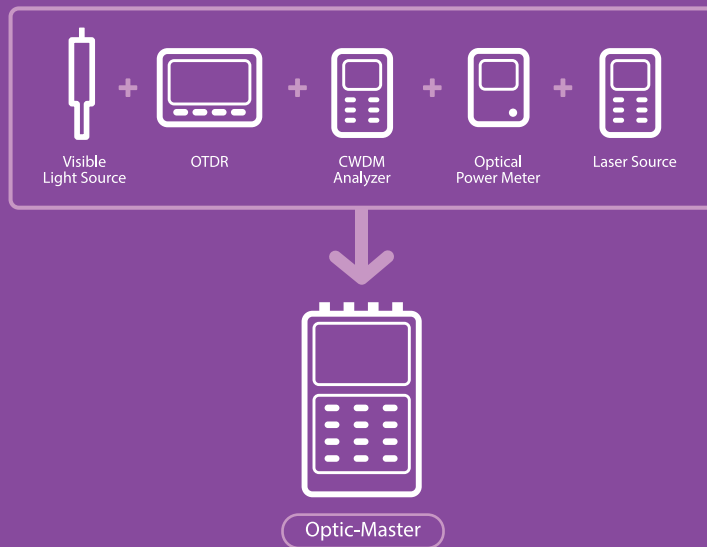
### Use Optic-Master for

- Fiber optic network maintenance
- Diagnostic measurement of fiber links
- Locating physical fault positions

### Benefits

- Quick start-up within 3 seconds
- Simple and intuitive operation
- Compact and light weight ruggedized design for field technicians
- Automatic shutdown
- OTDR measurement longer than 100km

### Optic-Master System Configuration



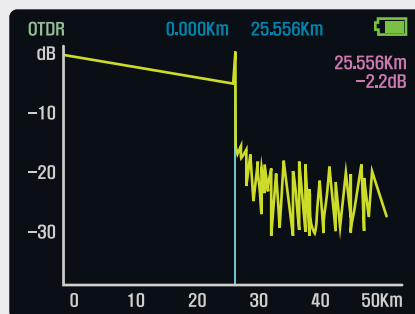
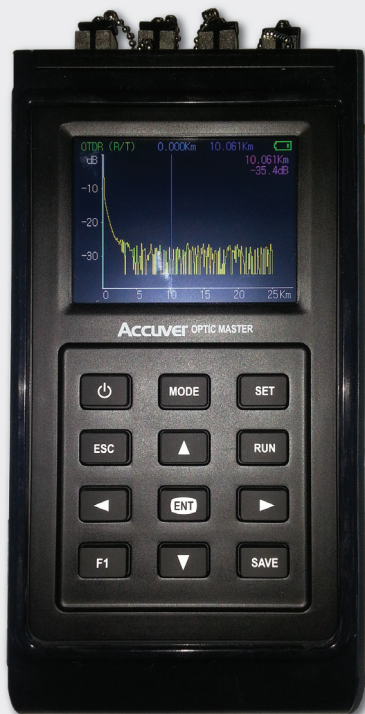
### Key Features

OTDR	<ul style="list-style-type: none"> <li>• 1310nm &amp; 1550nm dual wavelength</li> <li>• Dynamic range : &gt; 35dB</li> <li>• Display range : 200km</li> <li>• Real-time scan mode</li> <li>• Sampling resolution : 1m (Min.)</li> <li>• Automatic end detection</li> </ul>
CWDM Analyzer	<ul style="list-style-type: none"> <li>• 16 Channel CWDM analysis</li> <li>• Measurement time : &lt; 3 sec</li> <li>• Measurement uncertainty : &lt; ± 0.5 dB</li> <li>• Power accuracy : &lt; ± 2 dB</li> <li>• Power display range : -60 ~ +10 dBm</li> <li>• Adjacent channel isolaton : &gt; 20dB (Typ. 30 dB)</li> </ul>
Laser Source	<ul style="list-style-type: none"> <li>• 1550nm FP Laser</li> <li>• Output power : &gt; -7 dBm</li> <li>• Power stability : &lt; ± 0.2 dB</li> <li>• Modulation frequency : CW/270Hz/1KHz/2KHz</li> </ul>
Optical Power Meter	<ul style="list-style-type: none"> <li>• Power accuracy : &lt; ± 0.5 dB</li> <li>• Display unit : dBm / Watt</li> <li>• Display range : -60 ~ +10 dBm</li> <li>• Display resolution : 0.01 dB</li> </ul>
Visible Light Source	<ul style="list-style-type: none"> <li>• 650nm FP LD</li> <li>• Output power : &gt; +10dBm</li> <li>• Modulation : -CW/1Hz/2Hz/10Hz</li> <li>• Visible distance : 10km</li> </ul>

# Optic-Master

## Physical Specifications

Classification	Item	Specification
Body	Size	225(L) X 108(W) X 50(D)
	Weight	730g (including battery)
Battery	Available Time	Longer than 3 hours
	Main Function	4000mAh (Li-ion Polymer)
		AC 220V charger available
		DC 12~24V car charger available
	Shorter than 6 hours for full charging	
Environments	Operating Temp.	-10 ~ +50 °C
	Storage Temp.	-30 ~ +70 °C
	Humidity	0 ~ 80%



### Regional offices

#### Hong Kong (Head Office)

Accuver APAC  
Tel: +852 2210 7004  
Fax: +852 2210 7017

Enquiries:  
[sales.apac@accuver.com](mailto:sales.apac@accuver.com)  
[support.apac@accuver.com](mailto:support.apac@accuver.com)

#### United Kingdom

Accuver England  
Tel: +44 20 8863 1118  
Fax: +44 20 8863 1688

Enquiries:  
[sales.emea@accuver.com](mailto:sales.emea@accuver.com)  
[support.emea@accuver.com](mailto:support.emea@accuver.com)  
<http://support2.accuver-emea.com>

#### Poland

Accuver Poland  
Tel: +48 22 3702518

Enquiries:  
[sales.emea@accuver.com](mailto:sales.emea@accuver.com)  
[support.emea@accuver.com](mailto:support.emea@accuver.com)  
<http://support2.accuver-emea.com>

#### Japan

Accuver Japan  
Tel: +81 3 6430 2581

Enquiries:  
[sales@accuver.jp](mailto:sales@accuver.jp)  
[support\\_aj\\_1@accuver.com](mailto:support_aj_1@accuver.com)  
<http://www.accuver.jp/login.html>

#### Korea

Innowireless Co Ltd  
Tel: +82 31 788 1700

Enquiries:  
[sales@accuver.com](mailto:sales@accuver.com)

#### USA

Accuver Americas  
Tel: +1 469 241 6100  
Fax: +1 469 241 6199

Enquiries:  
[sales.usa@accuver.com](mailto:sales.usa@accuver.com)  
[support.usa@accuver.com](mailto:support.usa@accuver.com)  
<http://help.usa.accuver.com/helpdesk>