

## Smart OTDR (INF-3600) (Optical Time Domain Reflectometer)



### Detailed Product Description:

#### **1. Description**

INF-3600 Smart handled OTDR is mainly used to measure the length, loss and connection quality of all kinds optical fiber cables. It can also be widely used in engineering construction, line maintenance & testing, emergency repair, the development and production of optical fiber cables. This OTDR for fiber optic, price low, with backlit display screen, compatible connector types FC / PC, SC / PC, jumpers and adapters are also provided for switching between UPC / APC.

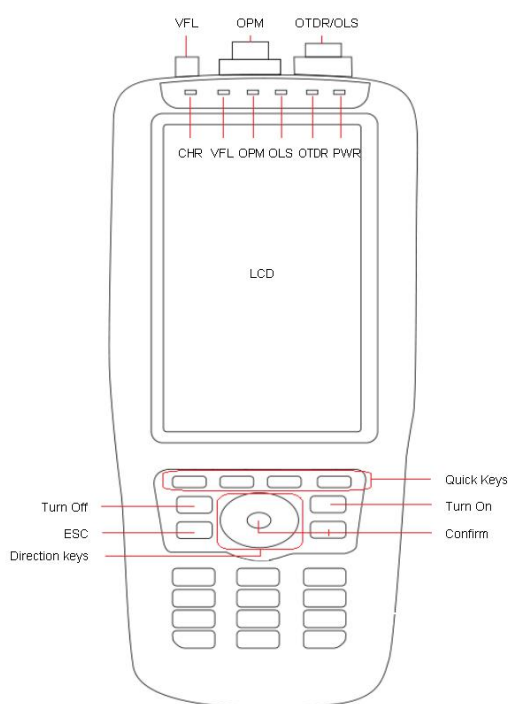
## 2- Specifications:

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| <b>OTDR</b>                      |                                                 |
| <b>Model:</b>                    | <b>INF-360</b>                                  |
| Wavelength(nm)                   | 1310/1550nm                                     |
| Dynamic Range                    | 22/20dB                                         |
| Measurement Distance             | 0-60 km                                         |
| Type of Fiber                    | 9/125um SM                                      |
| Type of Connectors               | FC/PC; SC/PC (FC/APC SC/APC--Optional )         |
| Peak Value of laser              | >=30mW                                          |
| Unit                             | Meter/ inch/ mile                               |
| Dead Zone of Reflection          | 2m                                              |
| Dead Zone of attenuation Event   | 12m                                             |
| Accuracy Distance(Reflection     | About $\pm(1m+2 * 10^{(-4)} * \text{distance})$ |
| Storage of records               | 200 groups                                      |
| <b>Visual Fault locator(VFL)</b> |                                                 |
| Wavelength (nm)                  | 650nm                                           |
| Output power                     | >=10mW                                          |
| Mode                             | CW, 1Hz, 2Hz                                    |
| Fiber type                       | SM, MM                                          |
| <b>Optical Power Meter</b>       |                                                 |
| Measurement range dBm            | -70~-+10 dBm / -50~-+26 dBm                     |
| Wavelength range(nm)             | 800~1650                                        |
| Calibrated wavelength Detector   | 850, 1300, 1310, 1490, 1550, 1625               |
| Detector                         | InGaAs                                          |
| Accuracy                         | < $\pm 3\%$ (-10dBm、22°C)                       |
| Resolution                       | Linearity: 0.1%, Non- linearity: 0.01dBm        |
| Connector                        | Changeable FC/PC SC/PC, ( ST as Optional)       |
| <b>Optical Light Source</b>      |                                                 |
| Emitter                          | FP-LD                                           |
| wavelength (nm)                  | 1310/1550nm                                     |
| Connector                        | FC/PC(SC/ST as optional)                        |
| Output power                     | $\geq -5\text{dBm}$                             |
| Output stability(dBm)            | $\pm 0.04 @ 20^{\circ}\text{C} @ 15\text{min}$  |
| Modulation                       | CW/270Hz/1KHz/2KHz                              |
| Fiber type                       | SM                                              |

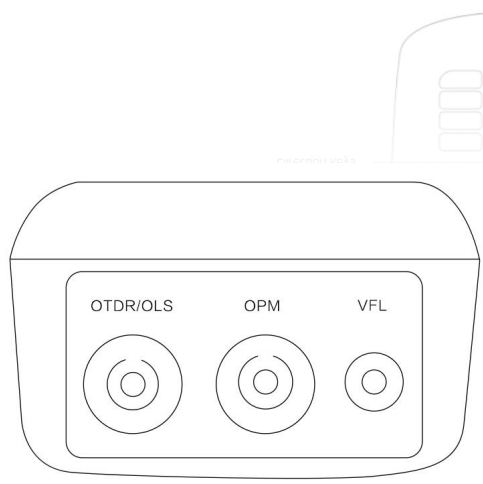
| Others         |                                                             |
|----------------|-------------------------------------------------------------|
| LCD            | 3.97inch,800*480pixels, IPS screen                          |
| Battery        | 7.4V/4400mAH Lithium-ion battery, >5000 tests               |
| Temperature    | Work temperature: -5 ~ 50°C,storage temperature: -10 ~ 60°C |
| Humidity       | 0~85%(Non-condensing)                                       |
| Dimensions(mm) | 190×84×52                                                   |
| Weight(g)      | 375                                                         |

## 3- Look/Design:

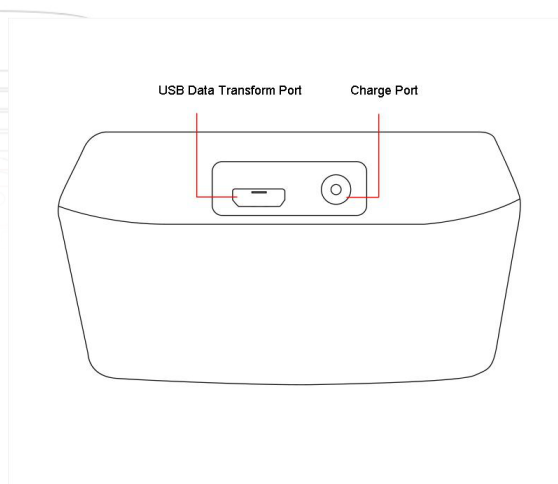
### Front Panel-



### Front Panel-



### Bottom Panel-



**4- Features:**

- ◆ Lightweight, portable and cost-effective.
- ◆ One-click operation, clear test data, make you an OTDR test expert.
- ◆ Integrated with Visual Fault Locator system, can easily detect the fault location of the dead zone.
- ◆ Using rubber key, dust-proof, waterproof, shockproof ability, suitable for field maintenance work.
- ◆ Using large capacity battery, long working time, suitable for long time field work.
- ◆ Fitx and access network engineers for construction and maintenance fault location.



