

# Optical Fiber Identifier

## FID-30R/31R/32R




**FID-30R and FID-31R are optical fiber identifiers for fiber optic data communications cables. The FID-30 has a built-in power meter.**

# Optical Fiber Identifier FID-30R/31R/32R



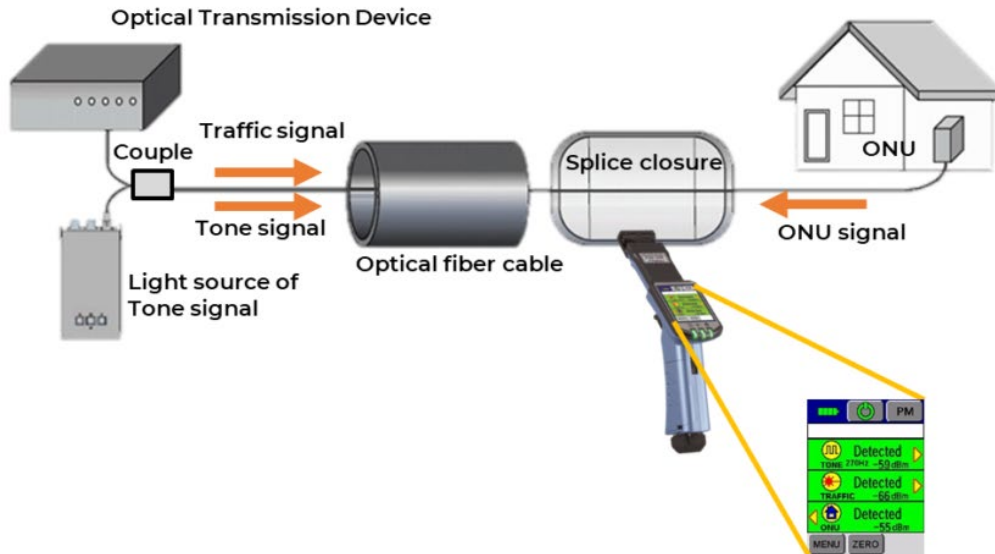
FID-30R and FID-31R are optical fiber identifiers for fiber optic data communications cables. The FID-30R has a built-in optical power meter.

## Product Variation

	FID-30R	FID-31R	FID-32R
Appearance			
Power Meter	✓	—	—
ONU Detection	✓	✓	—

## 1. High Sensitivity

The FID-30R series is equipped with world-class signal detection sensitivity. The FID-30R series can detect optical power on not only standard fiber but also bend-insensitive fiber, ITU-T G.657 fibers.



## 2. Functional and Ergonomic Design

The FID-30R series physical form factor prioritizes ergonomics with its design. It is easy to grip and handle when operating. The operator can easily maintain proper pressure for bending the fiber for testing. Also, the long slim head makes it possible to access narrow spaces. The location of the LCD monitor is in an easy-to-read position for observing results.



## 1. Universal Plunger Head

The universal head of the FID-30R series eliminates the need to change an adapter head for jacketed, coated, or fiber ribbon, making it versatile in the field.



250 $\mu$ m coating



900 $\mu$ m coating



3mm cord



12 fiber ribbon

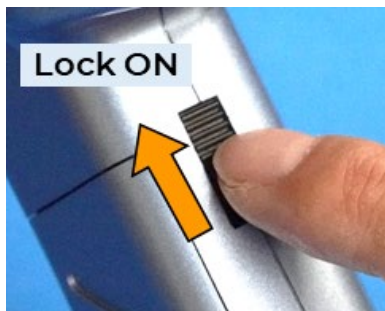
## 2. LCD Touch Screen with Back-Light

The FID-30R series LCD touch screen with back-light makes operation outdoors during the day or night simple, since the on-screen information can be clearly read in either situation.

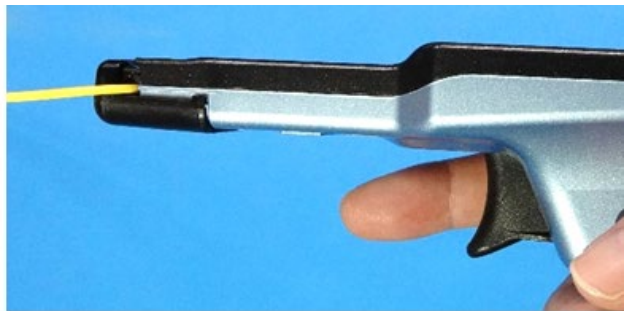


## 3. Trigger Lock Function

It is not necessary to continually apply pressure to the trigger when measuring due to the trigger lock feature. This prevents the operator from breaking the fiber, and allows them to perform other tasks while measuring if needed.



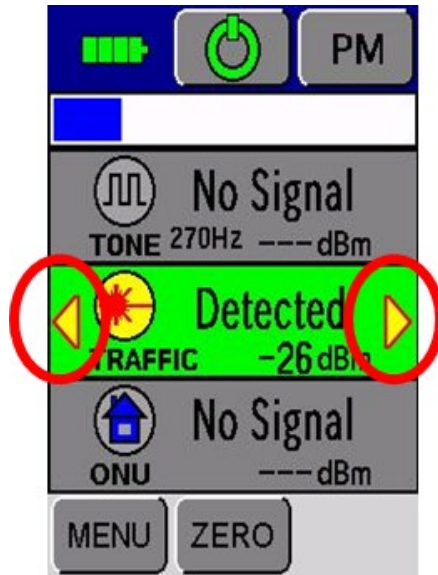
Lock Switch



Keep locking

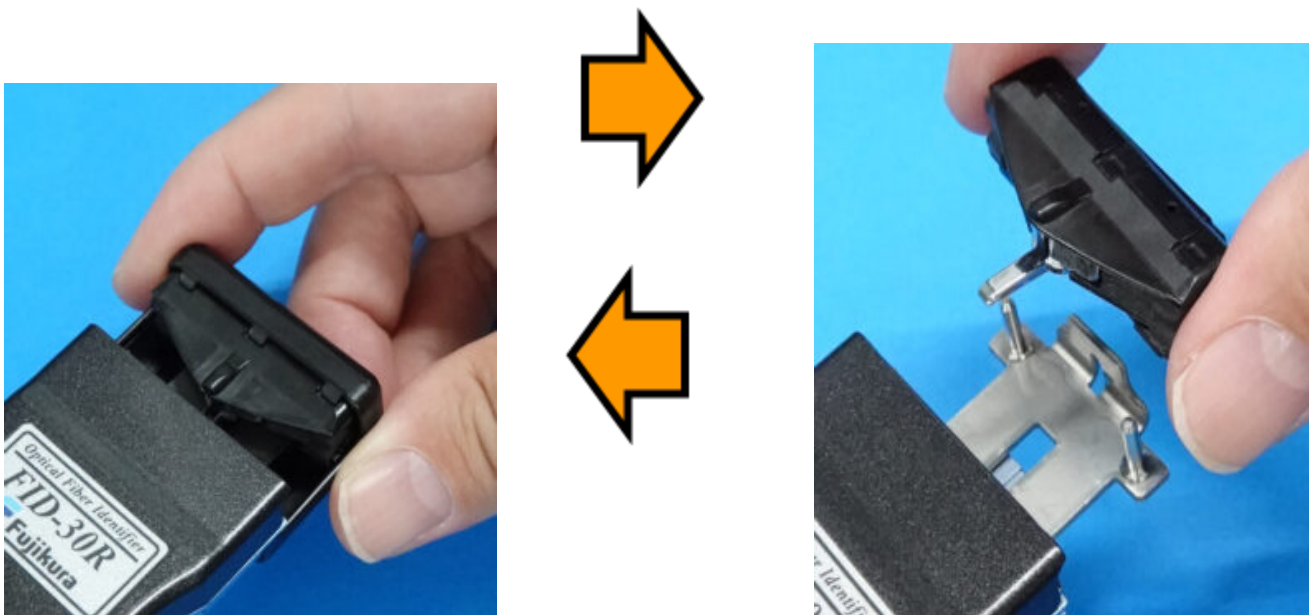
## 4. Foreign Light Detection

When the 30R series detects a foreign light source, the FID Monitor external light alarm activates and shows both arrows, left and right, simultaneously. This reduces operator error when attempting to detect the traffic or tone signals.



## 5. Easy Maintenance

When head replacement is required, it is possible to replace the head without any tools.





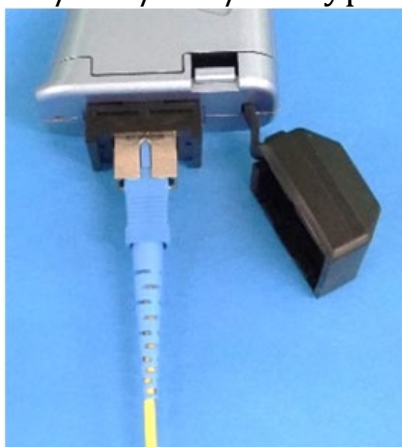
## Special Functions

### 1. Power Meter for FID-30R

The FID-30R is also equipped with a power meter. The connector head is interchangeable for use with SC / FC / ST / LC types.



Changeable

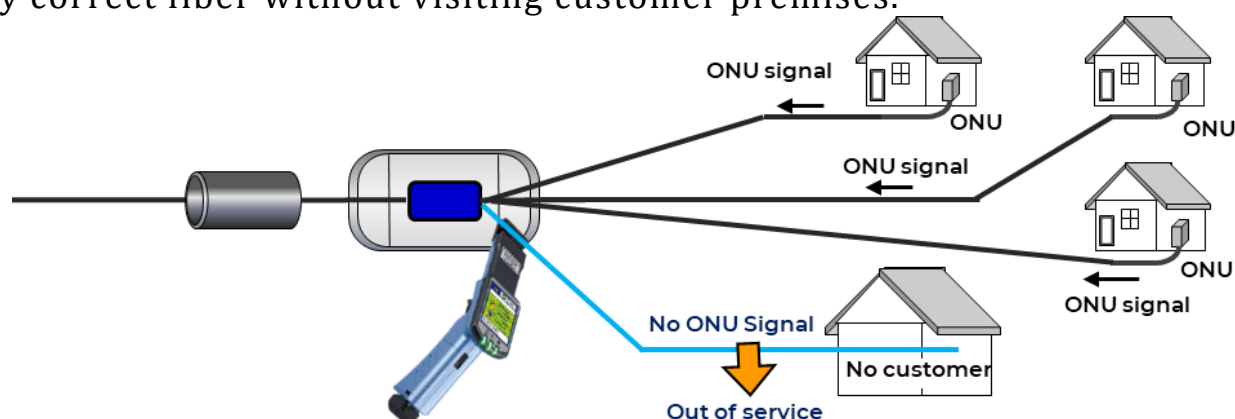


Power meter measurement



### 2. ONU Detection for FID-30R/31R

The ONU signal can be detected without disconnecting the fiber. Operator can verify correct fiber without visiting customer premises.



Note: Not all ONUs can be detected. If there is an ONU that is not detected, it may be possible to detect the ONU by analyzing and optimizing the waveform of the ONU.