

**PON Power Meter S316**

S316 targets at the FTTx application and maintenance. This PON power meter is able to simultaneously test and estimate the signals of the voice, data and video. It is an essential and ideal tool for the construction and maintenance of the PON projects.  
**Features**Providing simultaneous measurement at EPON/GPON/GEPON for all three wavelengths on the fiber (1490nm, 1550nm,1310nm )  
Used in Burst mode measurement of 1310nm upstream  
Convenience for threshold setting, which can set the threshold on the tester  
USB communication port enables data transfer to a PC  
Offers up to 10 different threshold sets in total  
User self-calibration can be retrieved in computer through the software  
10 minutes Auto-off function can be activated or deactivated with keypad operation  
**Specifications**

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| --- | --- | --- | --- |
| Model | S316 | | |
| Wavelength | 1310nm | 1490nm | 1550nm |
| Pass Zone(nm) | 1260～1360 | 1470～1505 | 1535～1570 |
| Isolation (dB) | >40@1490 | >30@1310 | >40@1310 |
| Isolation(dB) | >40@1550 | >40@1559 | >40@1490 |
| Measurement Range(dBm) | -40～+10 | -40～+10 | -40～+20 |
| Measurement Accuracy | | | |
| Connatural uncertainty(dB) | ±0.5 | | |
| Linearity(dB) | ±0.1 | | |
| Passing through insertion Loss(dB) | <1.5 | | |
| General Information | | | |
| Detector Type | InGaAs | | |
| Optical Connector | FC/SC Interchangeable | | |
| Fiber Type | 9/125um | | |
| Display | LCD:128\*64 | | |
| Measurement Unit | dB/dBm/xW | | |
| Resolution (dB) | 0.01 | | |
| Power Supply | 3 AA1.5V battery | | |
| Operation Temperature (℃) | -10～60 | | |
| Storage temperature (℃) | -25～70 | | |
| Dimension(mm) | 200x90x50 | | |
| Weight(g) | 285 | | |