

# Hunter ERM-10G

Hunter ERM-10G is a 1.25G/2.5G/10G extinction ratio test instrument, and provides 8 independent testing channels in a compact 1U standard chassis, supporting the measurement of extinction ratio and input optical power of input signals. It features high precision, fast speed, low power consumption, and small size. It can be widely used for BOB testing of EPON/GPON/XGPON/XGSPON/FTTR, etc.



## Key Features

- Support testing EPON/GPON/XGPON/ XGSPON
- Support 8-channel 1.25G~10G extinction ratio testing
- Support 8-channel input optical power monitoring
- Support calibrating extinction ratio online
- Support MES integration, automatic upload of test logs
- Support graphical interface control
- Support secondary development based on API interfaces

## Specifications

Hardware and electrical characteristics	
Port type	FC UPC
Port density	8
Power supply	220V AC
Power consumption	15W
Management interface	RJ45+API
Operating temperature	20~35° C
Storage temperature	0~45° C
Humidity	15%~85%
Extinction Ratio metrics	
Speed	1.25G/2.5G/10G
Input Optical Power	-15 ~ 5dBm
OPM-Range	-30 ~ 7dB
ER-Range	4~19dB
ER-Precision	0.5dB (6~15dB) 0.7dB (4~6dB、 15~19dB)
Sample Period	< 100ms
Software Platform	
Test software	HunterATE-BOB: Hunter Automated Test Equipment Software for BOB calibration and verification
Language	Simplified Chinese, English

Note: The precision of both Extinction Ratio and Optical Power Monitor refer to the precision after calibration using standard instruments.