

# XGT-200 10Gbit Ethernet Tester

Complete Test Solution for Next Generation Ethernet

## Features

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- ◆ Smart and durable, field application ready
- ◆ HD color touch screen, sun readable
- ◆ User-friendly user interface
- ◆ PC remote control
- ◆ Test profiles and data management, USB/FTP transfer
- ◆ Lithium battery up to 4 hours continuous testing

## Key Functions:

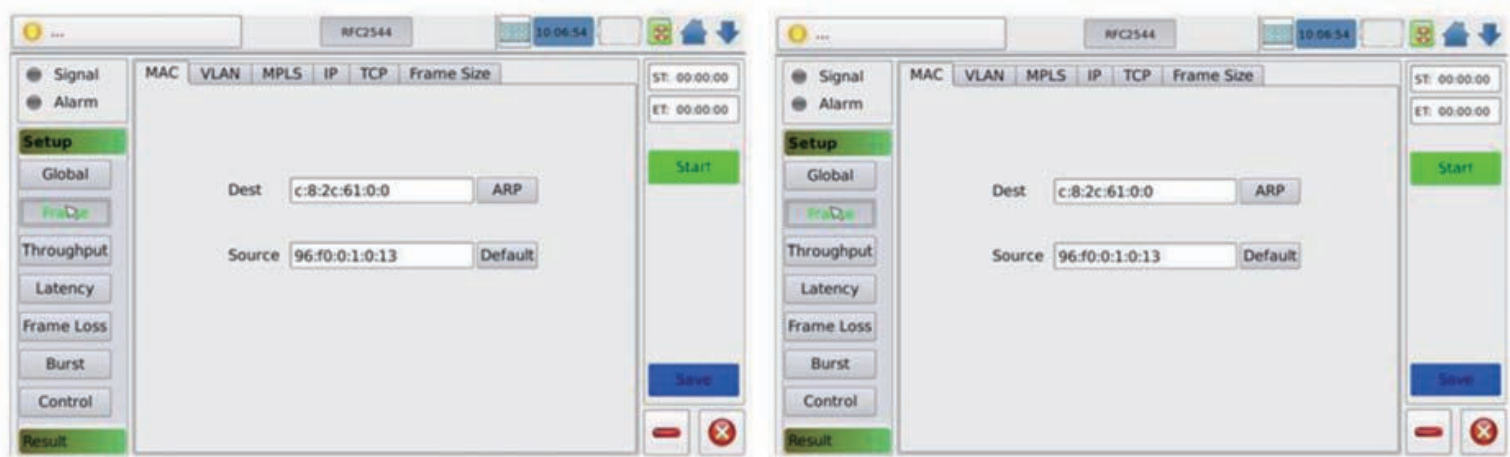
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- ◆ 10GE SFP+ x2, 10/100/1000BASE-T RJ45 x2, 100/1000BASE-X SFP x2
- ◆ 10M~10Gb/s bandwidth, LAN and WAN mode
- ◆ RFC2544 and Y.1564 test
- ◆ Layer 1/2/3/4 BERT test
- ◆ Multi-stream traffic generation and analysis
- ◆ Packet capture
- ◆ VLAN and VLAN Q-in-Q test

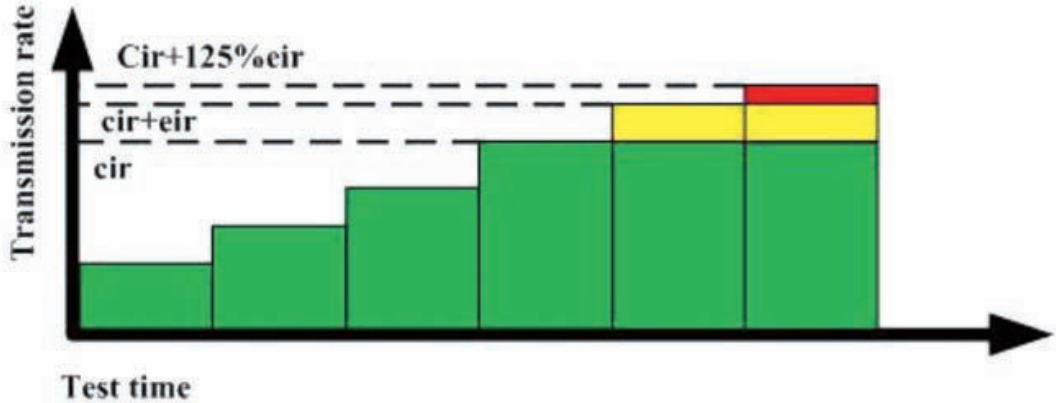


- ◆ MPLS test with multiple MPLS tags
- ◆ ODT test
- ◆ CoS and ToS/DSCP priority testing
- ◆ Statistical analysis report
- ◆ Ethernet and advanced IP connectivity test
- ◆ Intelligent detection and remote control loopback test

RFC2544



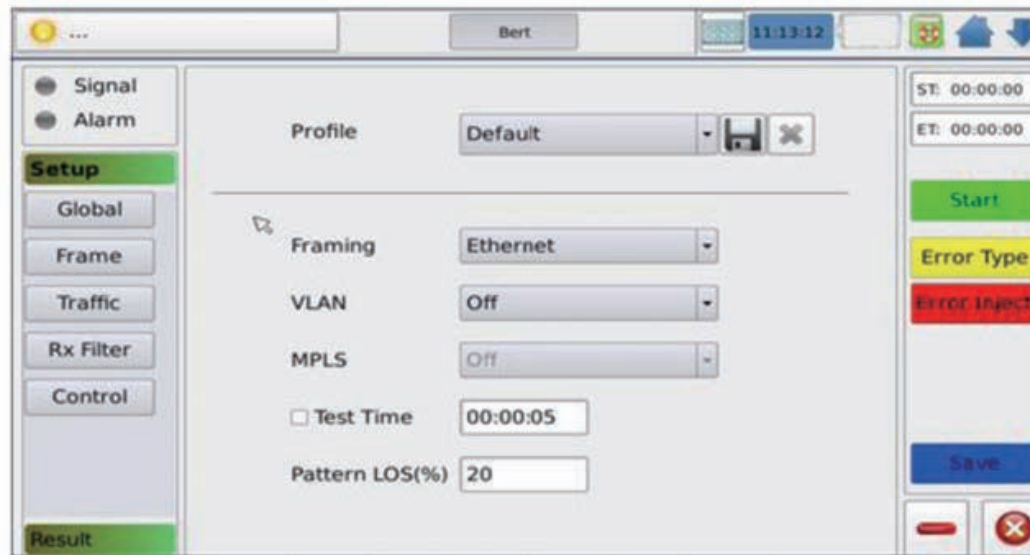
ITU-T Y.1564  
Service Configuration Test



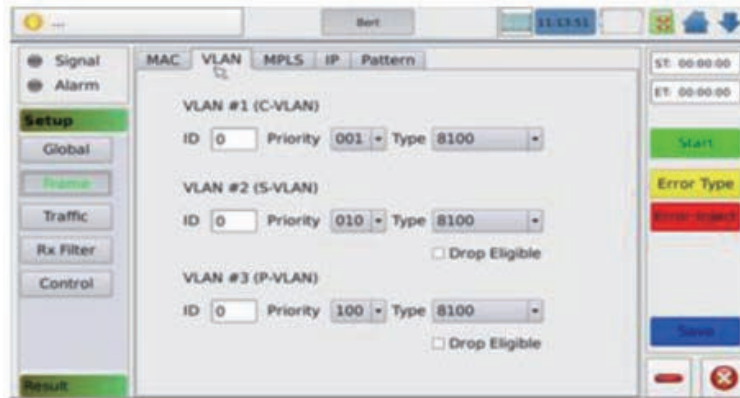
Service Performance Test



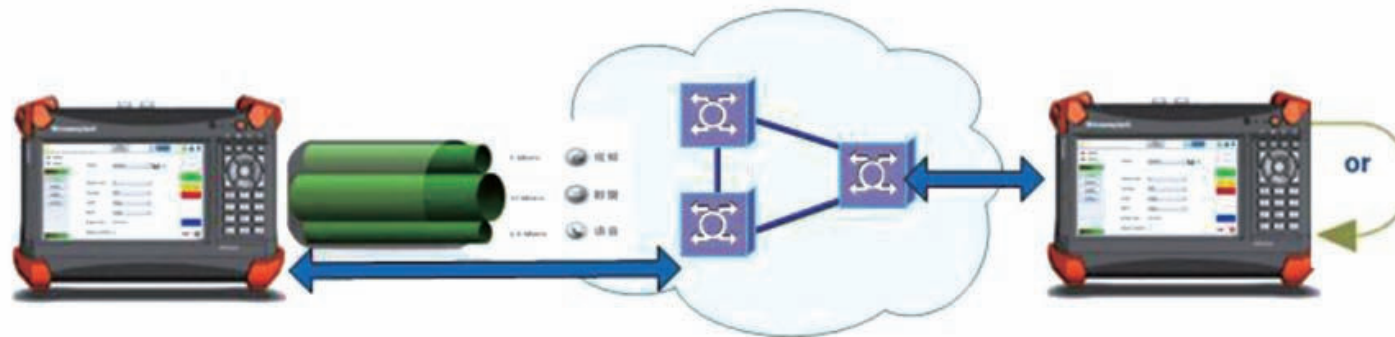
BERT



### Q-IN-Q



### Multiple Stream Generation & Analysis





## Specifications

SFP+ (10G)			
Interface	10G Base-SR/SW	10G Base-LR/LW	10G Base-ER/EW
Wavelength (nm)	850	1310	1550
Tx level (dBm)	-5to-1	-8 to 0.5	-4.7 to 4.0
Rx level sensitivity (dBm)	-11.1	-12.6	-14.1
Maximum reach	300m	10Km	40Km
Tx bit rate (Gbit/s)	9.95 to 10.03	9.95 to 10.03	9.95 to 10.03
Rx bit rate (Gbit/s)	9.95 to 10.03	9.95 to 10.03	9.95 to 10.03
Tx operation wavelength range (nm)	840 to 860	1260 to 1355	1530 to 1565
Measurement Accuracy			
Frequency (ppm)	±4.6	±4.6	±4.6
Maximum rx before (dBm)	6	5	5
Connector	LC	LC	LC
Transceiver type	SFP+	SFP+	SFP+
RJ45			
Interface	Two ports: 10/100 Base-T half/full duplex, 1000 Base-T full duplex automatic or manual detection of straight/crossover cable		
	10 Base-T	100 Base-T	1000 Base-T
Tx bit rate	10 Mbit/s	125 Mbit/s	1 Gbit/s
Tx accuracy (ppm)	±4.6	±4.6	±4.6
Duplex mode	Half and full duplex	Half and full duplex	full duplex
Connector	RJ-45	RJ-45	RJ-45
Maximum (m)	100	100	100
General Specifications			
Screen	7 inch color LED touch screen (resolution 960*480)		
Data storage interface	SD card(8G) USB, RJ45		
Battery	lithium battery(4400mAh)		
Battery life	4h		
Operating temperature	-10 ~ +50°C		
Storage temperature	-10 ~ +70°C		
Operating humidity	10% ~ 90%		
Storage humidity	5% ~ 95%		
Size	282x186x75mm		
Weight	2.9Kg		

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