

# Network Tester VDSL2 + Optical

## Model: TM-600



### Description:

TM-600 VDSL tester specially designed for xDSL line test (xDSL include: ADSL, ADSL2, ADSL2+, READSL, VDSL2) and maintenance. It provides xDSL test, PPPoE dial test, DMM test, Modem emulation, line voltage indication and so on.

TM-600 VDSL Tester also introduces the Optical Power Meter and Visual Fault Locator function into the unit, as well as the TDR function;

It is one multifunction tester with smart size, true color LCD and powerful management software as well as the 6600mah rechargeable battery.

### Key Functions:

- Test objects: ADSL; ADSL2; ADSL2+; READSL; VDSL2
- Fast Copper tests with DMM (ACV, DCV, Loop and Insulation Resistance, Capacitance, Distance)
- Supports Modem emulation and simulating login to Internet
- Supports ISP login (username / password) and IP Ping test (WAN PING Test, LAN PING Test)
- Supports all multi-protocol, PPPoE / PPPoA (LLC or VC-MUX)
- Connects to CO via alligator clip or RJ11
- Rechargeable Li-ion Battery
- Beep and LEDs alarm indications (Lower Power, PPP, LAN, xDSL)
- Data memory function
- LCD display, Menu operation
- Auto shut off if no any operation on keyboard
- Compliant with all known DSLAMs
- Software management
- Simple, portable and money-saved

### Functions:

- DSL Physical layer test
- Modem Emulation (Replace the user Modem completely)
- PPPoE Dialing (RFC1683, RFC2684, RFC2516)
- PPPoA Dialing (RFC2364)

- Telephone Function
- DMM Test
- Ping Function (WAN & LAN)
- Data upload to computer and software management
- Setup system parameter: backlight time, shut off automatically time without operation, press tone,
- Revise PPPoE / PPPoA dial attribute, user name and password; restore factory value and so on.
- Check dangerous voltage
- Optical Power Meter (Optional)
- Visual Fault Locator (Optional)

### **Specifications:**

VDSL2	
Be compatible with ADSL2+, ADSL standard.	
DSL line attenuation	
DSL line noise margin	
DSL line up/down channel speed (Inter/Fast mode)	
DSL line up/down maximum rate	
DMT sub channel bit number: 0~15, and each sub channel frequency points	
DSL line error number (CRC, HEC, FEC, LCD, OCD)	
DSL line local output power	
DSLAM information	
Error Code Second	
Impulse Noise Protection (INP)	
DMM Test	
DC voltage (V):	0~400
AC voltage (V):	0~400
Loop resistance( $\Omega$ ):	0~20000
Capacitance (nF):	0~1000
Insulation resistance (M $\Omega$ ):	0~50
Optical Power Meter ( Optional)	
Measurement range:	-70~+10dBm
Wavelength	850nm、1300nm、1310nm、1490nm、1550nm、1625nm
Visual Fault Locator (Optional)	
Output Power	1mw
Wavelength	650nm $\pm$ 20nm
Tone Tracker (Optional)	
With supplied accessories, it can do cable tracing and find the trend of the lines	
TDR Function (Optional)-Auto Test the cable fault distance (Cable Break/ Cable Mix)	
Test Range	<2.5km
Dead Zone	<1m
Resolution Rate	1m
General Specification	
LCD	800x480 TFT
Power supply	Internal Rechargeable 6600mAH Li-ion battery
Battery Duration	4 to 5 hours

Working temperature	0-40 oC
Working moisture	5%-90%
Dimensions	17.4 x 8 x 4.8 cm (L x W x H)
Weight	<0.6kg

More Detailed Photos:





*Made in China*