

TC 700 ADSL2+ TESTER

(ADSL2+/DMM/TDR/CABLE TRACING)



1. INTRODUCTION

TC-700 ADSL2+ tester specially designed for xDSL line test (xDSL include: ADSL, ADSL2, ADSL2+, READSL etc.) and maintenance. It provides xDSL test, PPPoE dial test, DMM test, Modem emulation, line voltage indication and so on.

TC-700 ADSL2+ tester also introduces the Cable Tracing and TDR function into the unit.

It is one multifunctional tester with smart size, true color LCD and powerful management software as well as the 7200mAh rechargeable battery etc.

II - MAIN FEATURES

- Test objects: ADSL, ADSL2, ADSL2+, READSL
- 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)
- Beep and LEDs alarm indications (Lower Power, PPP, LAN, xDSL)
- Supports all multi-protocol, PPPoE
- Connects to CO via alligator clip or RJ11
- Rechargeable Li-ion battery
- 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

III. FUNCTIONS

- TDR Cable Fault Locator (Optional)
- Cable Tracing (Optional)
- DSL physical layer test
- Modem Emulation (replace the user's modem completely)
- PPPoE Dialing (RFC1683, RFC2684, RFC2516)
- Telephone Function
- DMM Test
- Ping Function (WAN & LAN)
- Check dangerous voltage
- Data upload to computer and software management
- Setup system parameter: backlight time, shut off automatically, press tone etc.
- Revise PPPoE dial attribute, user name and password; restore factory value and so on.



IV. LAYOUT



V. SPECIFICATIONS

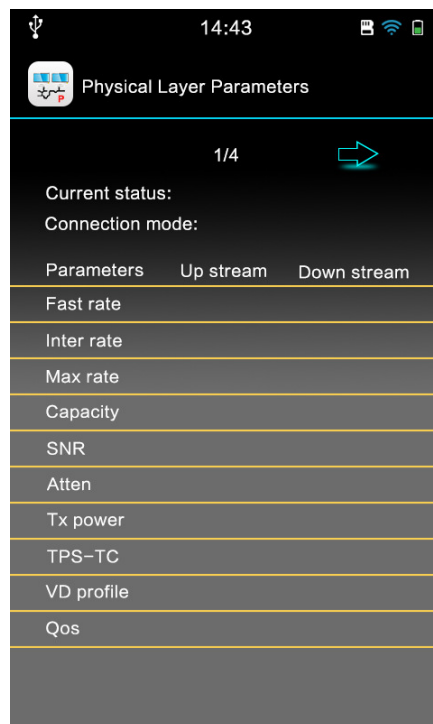
ADSL2+	
Standards	ITU G.992.1 (G.dmt) ITU G.992.2 (G.lite) ITU G.994.1 (G.hs) ANSI T1.413 issue #2 ITU G.992.5 (ADSL2+) Annex L
Up Channel Rate	0~1.2Mbps
Down Channel Rate	0~24Mbps
Up/Down Attenuation	0~63.5dB
Up/Down Noise Margin	0~32dB
Output Power	Available
Error Test	CRC, FEC, HEC, NCD, LOS
Display DSL Connect Mode	Available
Display Channel Bit Map	Available
ADSL	
Standards	ITU G.992.1 (G.dmt) ITU G.992.2 (G.lite) ITU G.994.1 (G.hs) ANSI T1.413 Issue # 2
Up channel rate	0~1Mbps
Down channel rate	0~8Mbps
Up/Down attenuation	0~63.5dB
Up/Down noise margin	0~32dB
Output power	Available
Error test	CRC, FEC, HEC, NCD, LOS
Display DSL connect mode	Available
Display channel bit map	Available

DMM Test	
DC Voltage (V)	0~400
AC Voltage (V)	0~400
Loop Resistance (Ω)	0~20000
Capacitance (nF)	0~1000
Insulation Resistance (M Ω)	0~50
TDR Test (Optional)	
Test Distance (km)	2.5
Fault Type	Break/Mix
Dead Zone (m)	<1
Resolution Rate (m)	1
Cable Tracing (Optional)	
With supplied accessories, it can do cable tracing and find the trend of the lines	
General Parameters	
LCD	4 inch, 800x480 TFT
Power Supply	Internal Rechargeable 7200mAH Li-ion battery
Battery Duration (h)	> 8
Working Temperature ($^{\circ}\text{C}$)	0~+50
Humidity	$\leq 85\%$
Dimensions (mm)	175x80x52
Weight (g)	< 500

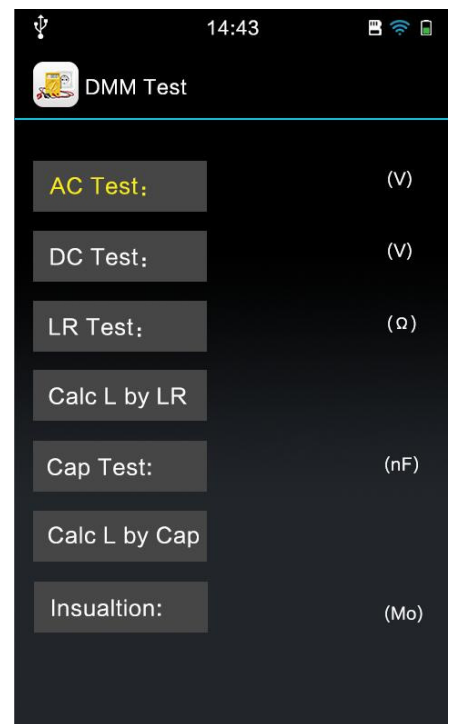
V. TEST INTERFACE



Main Test Interface



xDSL Test Interface



DMM Test Interface

V. PACKAGING



NO.	ACCESSORY	QTY.
1	TC-700 ADSL2+ Tester	1pcs
2	RJ45 Test Line	1pcs
3	RJ11 Test Line	1pcs
4	USB Cable	1pcs
5	Charger	1pcs
6	Carrying Bag	1pcs
7	CD (with management software)	1pcs
8	Charge Cable	1pcs
9	Receiver for Cable Tracing	1pcs (Optional)

VII. ORDERING INFORMATION

CONFIGURATION	ORDERING CODE	FUNCTION	NOTE
TC-700 ADSL2+ Tester	TC-700	ADSL2+ / DMM / PING / PPPOE Dial etc.	Basic/Standard
TDR Function	T	Test Break/Mix Cable Faults	Optional Module
Cable Tracing Function	C	Cable Tracing	Optional Module

For Example:
If you need TC-700 ADSL2+ Tester with TDR/Cable Tracing function, the ordering code will be **TC-700-TC**





Test Srl

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