



TC-600 VDSL2 teszter specially designed for xDSL line teszt (xDSL include: ADSL, ADSL2, ADSL2+, READSL, VDSL2 etc.) and maintenance. It provides xDSL teszt, PPPoE dial teszt, DMM teszt, Modem emulation, line voltage indication and so on.

TC-600 VDSL2 teszter also introduces the Cable Tracing, Optical Power Meter and Visual Fault Locator function into the unit, as well as the TDR function.

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

There are total three sub models of TC-600 series VDSL2 teszter:

TC-600A can support Annex A/M and up to 17a (100Mbit/s);
TC-600B can support Annex B and up to 17a (100Mbit/s);
TC-600C can support up to 35B (300Mbit/s).

Főbb jellemzők

- Tesztelhető objektumok: ADSL, ADSL2, ADSL2+, READSL, VDSL2
- Opcionális Annex A/M (100 Mbit/s), Annex B (100 Mbit/s), 35B (300 Mbit/s)
- Gyors részteszt DMMel (ACV, DCV, hurok és szigetelési ellenállásmérés, kapacitás és távolságmérés)
- Modem emuláció és internetre történő belépés szimulálása
- ISP login (felhasználónév / jelszó) és IP Ping teszt (WAN PING teszt, LAN PING teszt)
- Fény (LED) és hangjelzés riasztás (kis teljesítmény, PPP, LAN, xDSL)
- Az összes multi-protokoll támogatása, PPPoE
- Csatlakozás a CO-hoz krokodil csipeszekkel, vagy RJ11-el
- Tölthető Li-ion telep
- Adatmemória
- LCD, menü-vezérelt működés
- Automatikus kikapcsolás
- Az összes ismert DSLAM-nek megfelel
- Szoftveres management
- Egyszerű, hordozható, olcsó

Funkciók

- Optical Power Meter (Optional)
- Visual Fault Locator (Optional)
- TDR Cable Fault Locator (Optional)
- Cable Tracing (Optional)
- DSL physical layer teszt
- Modem Emulation (replace the user's modem completely)
- PPPoE Dialing (RFC1683, RFC2684, RFC2516)
- Telephone Function
- DMM teszt
- 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.





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

VDSL2

- Be compatible with ADSL2+, ADSL standard.
- DSL line attenuation
- TC-600 VDSL2 Tester
- DSL line noise margin
- DSL line up/down channel speed (Inter/Fast mode)
- DSL line up/down maximum rate
- DSL 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)

- **TC-600A:** Support Annex A/M and 7 VDSL2 profiles: profile 8a, 8b, 8c, 8d, 12a, 12b, 17a (100Mbit/s)
- **TC-600B:** Support Annex B and 7 VDSL2 profiles: profile 8a, 8b, 8c, 8d, 12a, 12b, 17a (100Mbit/s)
- **TC-600C:** Support 9 VDSL2 profiles: profile 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a, 35b (300Mbit/s)

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

Optical Power Meter (Optional)

Calibrated Wavelength (nm)	850/1300/1310/1490/1550/1625
Measurement Range (dBm)	-70~+10
Detector	InGaAs
Accuracy	< \pm 3% (-10dBm, 22)
Resolution	Linearity: 0.1%; Non-linearity: 0.01dBm

Visual Fault Locator (Optional)

Output Power (mw)	1
Test Distance (km)	5km
Wavelength (nm)	650 \pm 20
Output Modes	Continuous (CW), 2Hz pulsed

Cable Tracing (Optional)

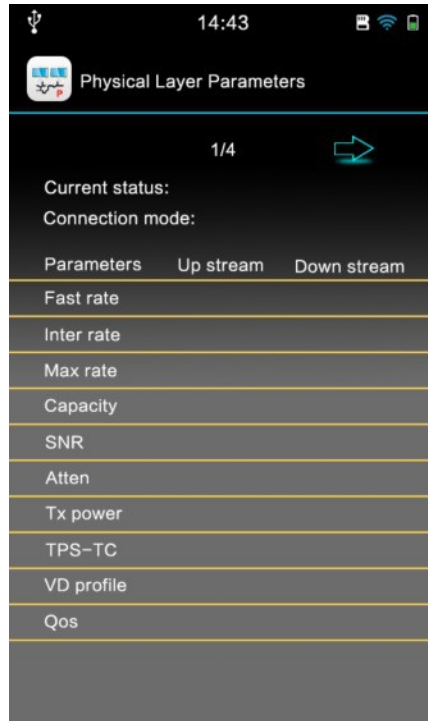
With supplied accessories, it can do cable tracing and find the trend of the lines

General Parameters

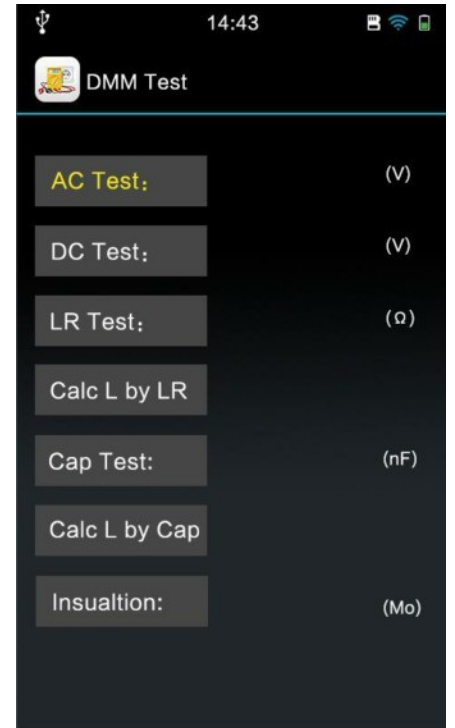
LCD	4 inch, 800x480 TFT
Power Supply	Internal Rechargeable 7200mAh Li-ion battery
Battery Duration (h)	> 8
Working Temperature ()	0~+50
Humidity	\leq 85%
Dimensions (mm)	175x80x52
Weight (g)	< 500



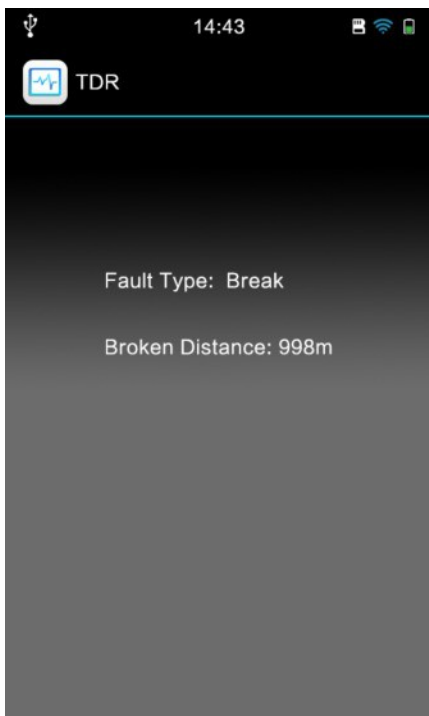
Main teszt Interface



xDSL teszt Interface



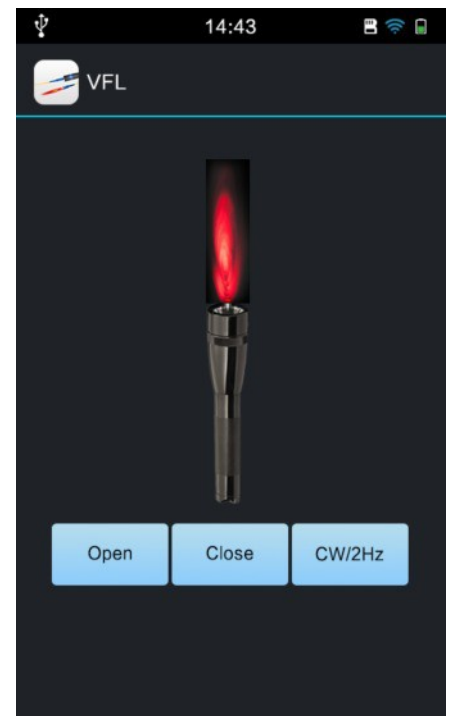
DMM teszt Interface



TDR teszt Interface



OPM teszt Interface



VFL teszt Interface



Készülék és a vele szállított tartozékok / mennyiség

1. TC-600 VDSL teszter / 1 db.
2. RJ45 mérőkábel / 1 db.
3. RJ11 mérőkábel / 1 db.
4. USB kábel / 1 db.
5. Teleptöltő / 1 db.
6. Hordtáska / 1 db.
7. CD (kiértékelő szoftverrel) / 1 db.
8. Teleptöltő kábel / 1 db.
9. Vevő kábelnyomvonal kereséshez / 1 db. (opció)

CONFIGURATION	ORDERING CODE	FUNCTION	NOTE
TC-600A VDSL Tester Annex A/M and up to 17a (100 Mbit/s)	TC-600A	VDSL / DMM / PING / PPPOE Dial etc.	Basic/Standard
TC-600B VDSL Tester Annex B and up to 17a (100 Mbit/s)	TC-600B	VDSL / DMM / PING / PPPOE Dial etc.	Basic/Standard
TC-600C VDSL Tester Support up to 35B (130 Mbit/s)	TC-600C	VDSL / DMM / PING / PPPOE Dial etc.	Basic/Standard
TDR Function	T	Test Break/Mix Cable Faults	Optional Module
OPM+VFL Function	O	Optical Power Meter and 1mw VFL	Optional Module
Cable Tracing Function	C	Cable Tracing	Optional Module

For Example:

If you need 35B VDSL Tester with TDR/OPM/VFL optional functions, the ordering code will be **TC-600C-TO**