



Product Name	GAOTek E1 Tester
Product SKU	GAOTek-EIT-176
Product URL	https://gaotek.com/product/gaotek-e1-tester-18/

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Based in New York City & Toronto, GAO Tek Inc. is ranked as one of the top 10 global B2B technology suppliers. GAO ships overnight within the U.S. & Canada & provides top-notch support thanks to its 4 decades of experience.



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GAOTek E1 Tester

1. Product Overview:

This Data Transmission Analyzer is the latest compact handheld tester developed by GAOTek Technology. It can be for E1 in-service monitoring as well as BER testing from 50b/s to 2048kb/s, which is the necessary tool for network equipment installation, troubleshooting, and maintenance. It is configured with a large touch screen TFT color LCD, and a built-in rechargeable Li-ion battery for more than 8 hours of field operation without an external power supply. It also supports large-capacity records storage and online upgrades.

2. Product Functions:

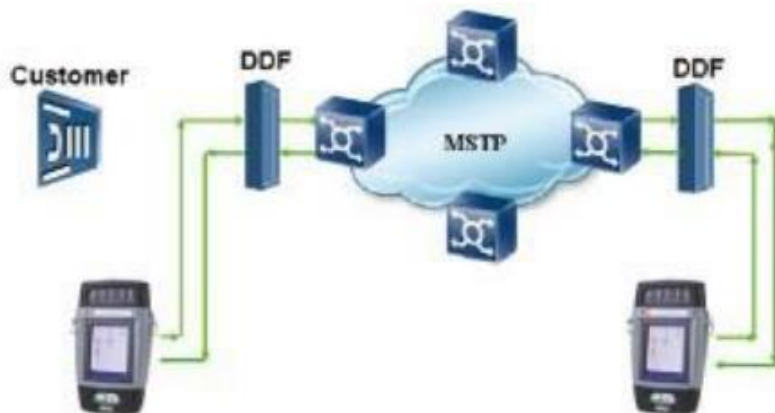
- Out-of-service testing and in-service monitoring
- Alarm generation and error insertion
- Performance analysis according to ITU-T recommendation
- Pattern slips analysis
- Clock slips analysis
- Clock frequency offset testing
- Nx64K testing
- Frame setting and analysis
- PCM, time slot detection
- Time slot data display
- Histogram display
- Voice monitoring
- Auto testing
- Round trip delay testing
- APS, service disruption testing
- V.24/RS232, V.35, V.36/RS449, EIA-530/530A, X.21 interface BER testing
- Performance analysis according to ITU-Recommendation

3. Product Features:

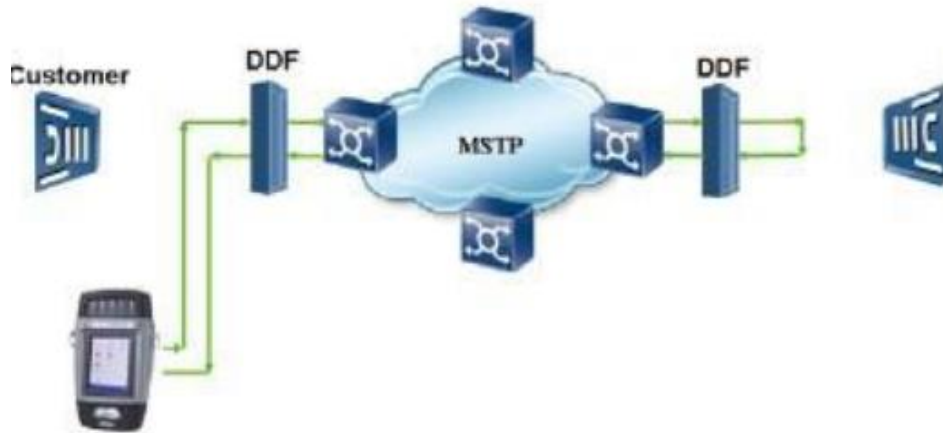
- Color touch screen TFT LCD
- Various errors insertion and detection, such as bit, Code, FAS, CRC
- Large capacity Li-ion battery guarantees more than 8 hours operation
- Large capacity data storage, 5000 records
- Test records can be transferred to a PC via USB
- Powerful PC software E1 data management system for comprehensive management and analysis of test data

4. Product Applications:

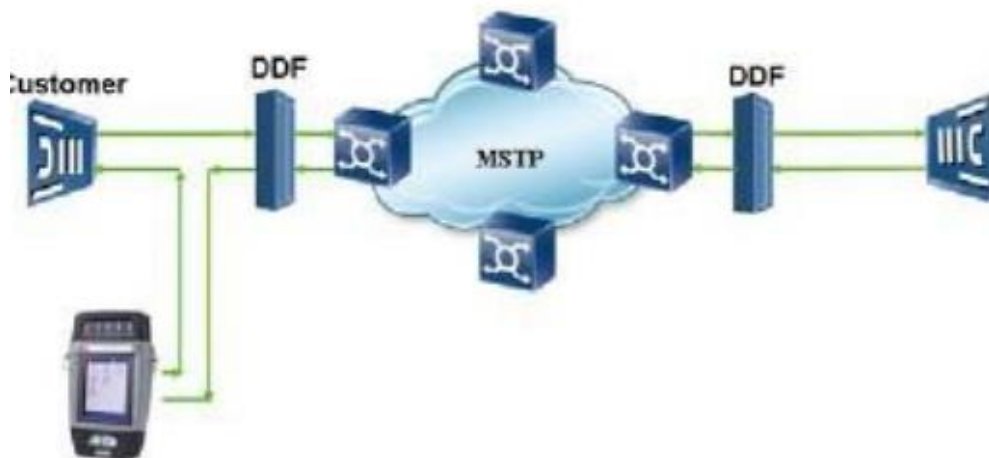
E1 end-to-end testing



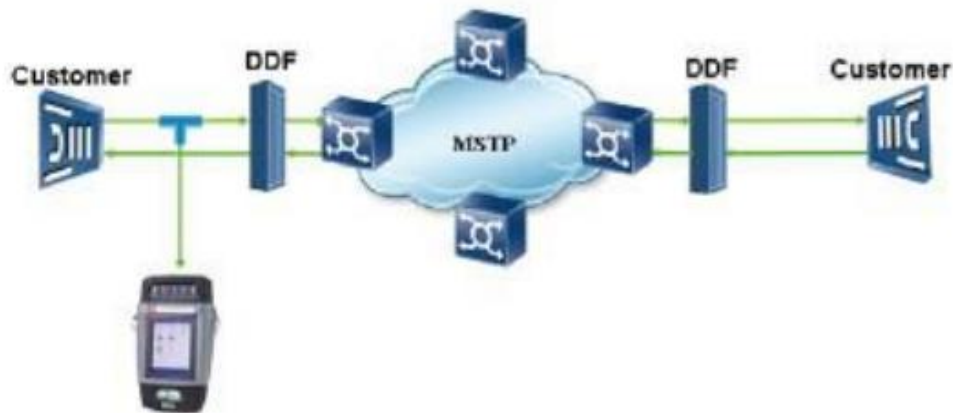
E1 remote loopback testing



E1 pass through mode



E1 in-service monitoring



5. Technical Specifications:

Size	150×100×50mm
Weight	0.5 kg
Display	2.8" TFT LCD, touch screen, 320x240
Operation Mode	Touch screen, keyboard
Interface	USB, DC Power
Battery	Rechargeable Li-ion battery, 1500mAh
Operation Time	>8h
Operation Temperature	0°C to 40°C
Storage Temperature	-20°C to 70°C
Operation Humidity	10% to 90%
Storage Humidity	5% to 95%
Data Storage	5000 Records