



Major Features

- ◎ LCD large-screen display, 320×240 lattice, backlight, LED indicator
- ◎ Hand held, auto configuration
- ◎ Multi-task operation at one time
- ◎ Store 20 test results and 9 test configurations, with power-off memories
- ◎ Store the test results to PC for analysis and printing
- ◎ Automatically power on/off for testing by programmable timer
- ◎ Alarm and histogram analysis
- ◎ Software updating

Major Functions

Basic functions as below:

- ◎ Normal test
- ◎ Direct connection mode
- ◎ Audio frequency test

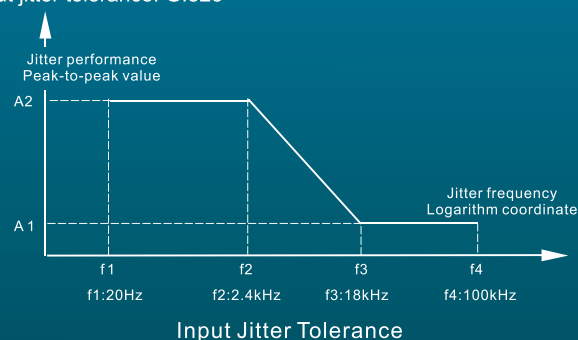
For 2Mbit/s:

- ◎ Service-interrupted error testing
- ◎ Online error testing
- ◎ Framed and unframed signals generation and reception
- ◎ 2Mbit/s unframed error performance testing
- ◎ 2Mbit/s framed N×64kbit/s channel error testing
- ◎ Bit error, coding error, frame error, CRC error and E bit error testing
- ◎ Signal loss alarm, AIS alarm, framed remote alarm, multi-framed remote alarm, out-of-frame, and pattern loss alarm
- ◎ Frequency offset testing
- ◎ Voice channel signal level and frequency testing
- ◎ Pattern slip testing
- ◎ Straightforward signaling
- ◎ Audio frequency testing

- ◎ Voice monitoring
- ◎ Signal state display. Voice channel content display. Voice channel busy / idle indication
- ◎ Alarm and error histogram analysis
- ◎ Time slot content analysis, drop and insert signal on each time slot
- ◎ G. 821/G. 826/M. 2100 error analysis
- ◎ Multi error and alarm inserting
- ◎ Three input modes (terminating, bridging and monitoring)
- ◎ Two clock options (internal and picking-up)

Technical Index

- (1)Signal input rate: 2048kbit/s±50ppm (G.703 requirement±100ppm)
- (2)Signal code: HDB3, AMI.
- (3)Input jitter tolerance: G.823



- (4)Input Impedance
 - Unbalance terminating: 75 Ω
 - Balance terminating: 120 Ω
- (5)Signal structure
 - (5.1) Unframed structure
 - (5.2) Framed structure: PCM30, PCM31, PCM30CRC, PCM31CRC

Framed structure complies with the requirement of G. 704
- (6)Testing pattern: 2⁶-1, 2⁹-1, 2¹¹-1, 2¹⁵-1, 2²⁰-1, 2²³-1, and artificial code
- (7)Error code insertion: Bit error, Pattern slip, None single, Ratio 10⁻¹~10⁻⁷.

Other Parameters

- ◎ Power supply
 - (1)Special power adapter Input: AC220V 50Hz Output: DC 9V 1.2A
 - (2)Internal rechargeable battery
 - 4000mAh, 6V nickel-hydrogen rechargeable battery Working time: 8 hours
 - Charging: 8 hours at power-off state, and 12 hours at power-on state
- ◎ Dimension and weight
 - L×W×H: 220×162×48mm Weight: 0.95kg
- ◎ Ambient parameters
 - Operating temperature: -10~50℃ Storage Temperature: -30~+70℃
 - Humidity: 5%~90%, non-condensing