



0000010 **TSW200E1** 0101010

011101010 **Modular and versatile** 000001001

ISO9001

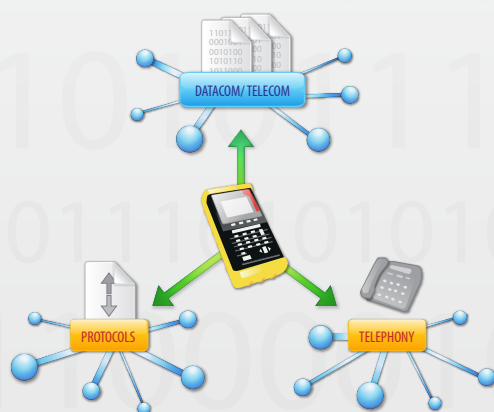


TSW200E1

Modular and versatile

The TSW200E1 is a digital communications test set that performs more than 30 different tests of Datacom/Telecom, protocols and telephony.

Used for maintenance and installation of synchronous and asynchronous lines, the TSW200E1 tests links of up to 10Mbps. The modular nature of the instrument allows it to be customized. Cost-effective and versatile, the TSW200E1 is the perfect tool for installing and maintaining E1 services.

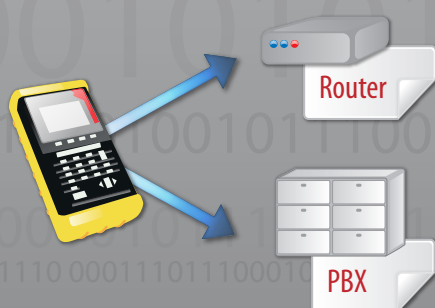


DATACOM/TELECOM

- **Tests synchronous and asynchronous modems**
 - Verification of the error rate on the link
- **E1 tests**
 - Verification of the error rate on E1 links
 - Monitoring of timeslots signaling and content
 - Mux and Demux testing
- Insertion and measurement of tone or voice in a timeslot
- Loop delay measurement
- Dual E1: tests two independent links simultaneously
- **G.703 Interface tests**
 - Pulse Mask: G.703 pulse shape analysis
 - Slip Monitor: measures and compares two clocks

PROTOCOLS

- **Frame Relay: the most complete test suite in the market**
 - Link activation (DLCIs status, frame counters, etc.)
 - Connectivity
 - Traffic monitoring
 - Traffic generation (CIR)
 - Emulates routers, performing a simplified protocol analysis
- **PPP and HDLC (CISCO):**
 - Graphically monitors traffic in real-time
 - Traceroute test
- Connectivity test (Ping)
- **VT-100:**
 - Emulates the VT-100 terminal, replacing a notebook for equipment configuration
- **Ethernet:**
 - Connectivity testing
- **X.25:**
 - Call and connection tests



TELEPHONY

- Protocols: MFC-R2, ISDN and DTMF
- Emulates a PBX, placing and receiving calls
- Emulates a CO switch, allowing PBX testing
- Monitors traffic and signaling between the customer's PBX and the CO switch