

CS8030 – Test System for Telephonometry

- The CS8030 – Test System for Telephonometry – is especially oriented for acoustic measurements on all Telephone Terminals according to the Standards of many Countries.
- It covers all measurement requirements of the modern international specifications as ETSI 300-TBR 21 & TBR 38 about acoustic field.
- CS8030 operates in two modes: through a test programs or externally controlled through an IEEE 488 parallel port.
- A local ticket printer, on LPT1 or COM1, documents the results of the test under course.
- Multinational: on demand are supplied Default Files relative to specific Countries or Rules they can be loaded into CS8030 mass memory.

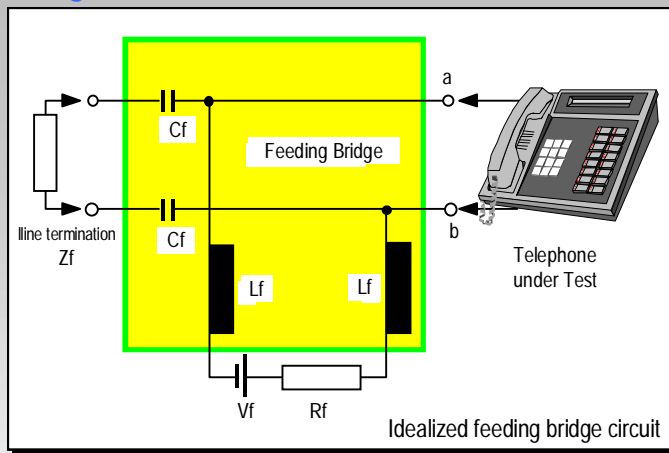
Features:

- Versatile test structure to meet Country Standards or Customer Requirements;
- Works in high accuracy (laboratories) or high speed mode (inspection);
- New automatic Test Head with extended band and precision;
- It can operate with an optional programmable PSTN (ISDN) subscriber interface simulator.
- New multi-frequency Pressure Calibrator and new automatic calibration procedures make easy the verification and certification of the Test Heads.
- A NEW option adds a programmable subscriber line simulator for PSTN telephones. Using the ISDN-4 Interface you can test Digital Telephones meeting ETSI TBR8.

Uses:

- Production. Especially for Cordless and GSM
- Incoming inspection
- Research & Development
- Quality assurance
- Qualification of telephone equipment.

NEW Feeding Bridge – PSTN Subscriber Line Simulator.



- **CS8030** can be equipped with the new Feeding Bridge to simulate the Subscriber telephone line.
- The Feeding Bridge can supply a **PSTN** telephone with battery voltage programmable.
- The Feeding Bridge meets the requirements of **ETSI TBR21 e TBR38**:
 - 1) Battery Voltage: programmable from 30 to 70Volt
 - 2) Maximum current: 100mA
 - 3) Inductor L_f : equivalent to 2 x 5 Henry
 - 4) Capacitor C_r : equivalent to 2 x 47 μ F
 - 5) Padding Resistor R_r : externally definable on the RF binding posts
 - 6) Line Termination Z_r : externally definable on the ZF binding posts