



**Portable Test Equipment**

**TS22<sup>®</sup>ALO  
and TS22<sup>®</sup>LO**

**Data Lockout Test Sets**

*data lockout with override  
and speakerphone  
or amplified speaker*

Harris' newest test sets, the TS22ALO and TS22LO data lockout units, offer built-in data detection and override features. The data lockout capability is provided by an audible signal to indicate the presence of data, which prevents the technician from disrupting data when switching to talk mode. The override feature allows the technician to override the data lockout circuit when attempting to pull dial tone from a very noisy imbalanced line or noisy ground start line.

Should a technician accidentally clip onto a DSO or DS1 circuit when operating these test sets in monitor mode, the test set's high impedance monitor assures DataSafe™ operation while monitoring the line. The test sets' data detection circuitry is compatible with all major high speed data services, both audible and inaudible, including T1, E1, ISDN basic and primary rate, SW56 and XDSL.

The TS22ALO and TS22LO test sets are designed for maximum productivity, ease of use, and the safeguarding of high speed data lines. They also ensure a higher quality of customer service to both your residential and business users, limiting customer complaints.



The TS22LO test set has an amplified speaker for improved productivity—and the TS22ALO unit, with two-way speakerphone, offers true hands free operation. A host of other features include DTMF signal-level compensation, nine 18-digit number storage, last number redial, mute switch and polarity indication. Meeting the rugged requirements for outside plant, these units offer RainSafe™ protection and DropSafe™ durability. They offer your best assurance to keep T1 and other high speed revenue services up and running, minimizing untimely and unwarranted interruption of data flow.

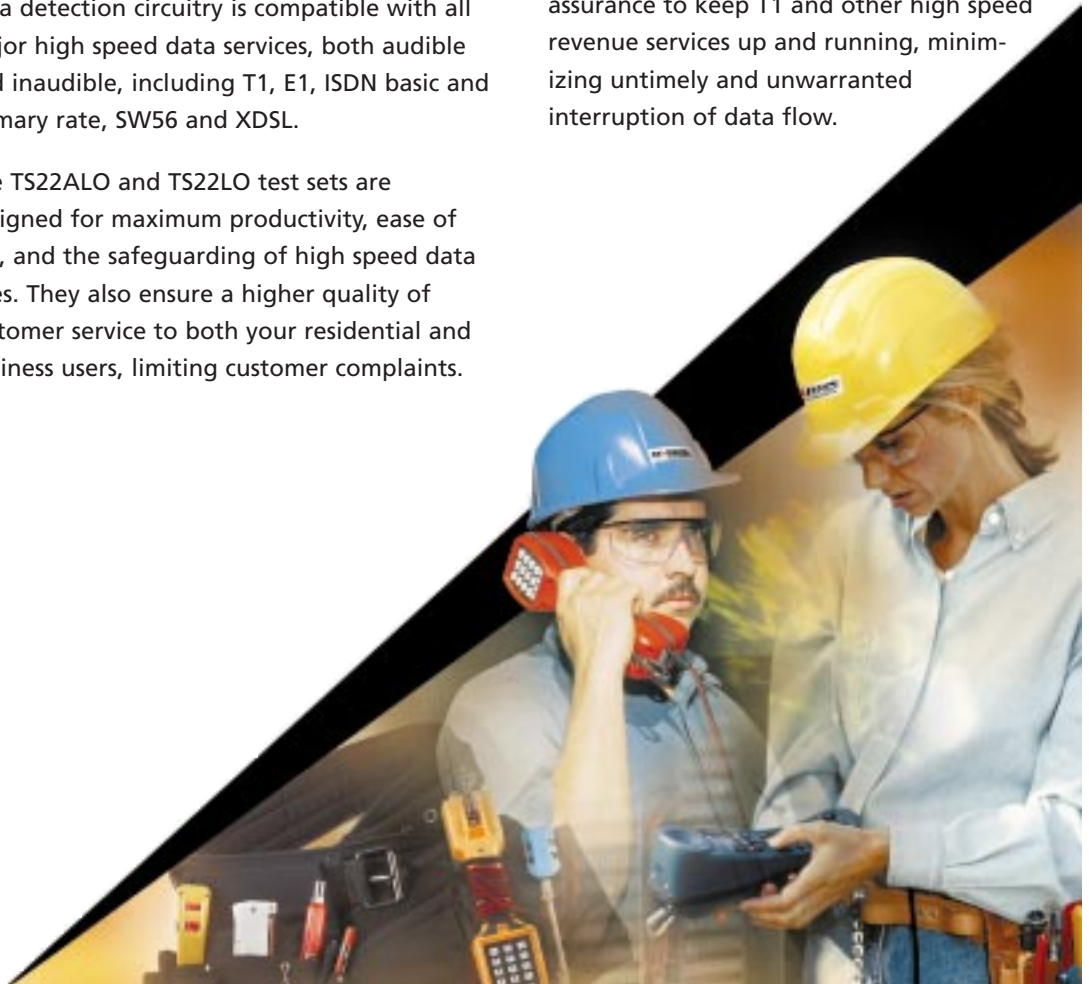
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PB No. 3293 4/99

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**next level solutions**



## TS22ALO and TS22LO Data Lockout Test Sets

### Features:

- New! Enhanced over current protection assures operation in high current, high voltage environments
- New! Enhanced water protection
- Data lockout override assures operation on noisy lines
- A warning tone emitted in talk mode when data is present
- Test set prevents disruption of a data line when going off-hook
- High impedance monitor allowing DataSafe operation while in monitor mode
- Two-way speakerphone for true hands free conversations (TS22ALO)
- Amplified speaker for hands free monitoring
- DTMF signal levels compensated for loop length
- PBX pause button
- RainSafe unit for use in extreme weather conditions
- DropSafe unit up to 20 feet
- Last number redial (LNR)
- Audible electronic ringer for callbacks
- Polarity LED indications
- Mute switch eliminates ambient noise
- Nine 18-digit number storage



TS22LO Data Lockout Test Set  
with amplified speaker

### Part Numbers:

TS22LO Test Set with Piercing Pin Clips Cord . . . . .	P/N 22805-001
TS22ALO Test Set with Piercing Pin Clips Cord . . . . .	P/N 22806-001
TS22LO Test Set with 346A Plug Cord (Central Office) . . . . .	P/N 22805-004
TS22ALO Test Set with 346A Plug Cord (Central Office) . . . . .	P/N 22806-004
TS22LO Test Set with Ground Start Cord (3W) . . . . .	P/N 22805-007
TS22ALO Test Set with Ground Start Cord (3W) . . . . .	P/N 22806-007
TS22LO Test Set with Angled Bed-of-Nails Cord . . . . .	P/N 22805-009
TS22ALO Test Set with Angled Bed-of-Nails Cord . . . . .	P/N 22806-009

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