



# TM900 “ID” DSL COMPATIBLE TELEPHONE TEST SET

TESTING | TROUBLESHOOTING | ACCURACY

## Product Features:

With the added display, our Nautilus family now offers “caller ID” and related features, plus a comprehensive phone-book including ten number “last number redial”, direct display of line voltage, loop current, ringing frequency and the ability to receive DTMF strings. All while still offering protection of digital traffic and hands-free speakerphone functionality, plus much more. With this innovative design, Tempo continues investment in “butt-in” test set technology, setting new, unmatched standards in both quality and customer satisfaction.

Our Nautilus test sets gave meaning to the term “weatherproof”: This award-winning, waterproof case design that allows technicians to operate with confidence in even the most extreme weather conditions. Other key advancements include digital service high-voltage alarm, and a quick-release, non-metallic belt clip composed of glass filled nylon, a strong, lightweight structural composite. This combination of rugged technology enables Tempo to offer the best warranty in the industry - 3 years.

## Key Specifications

- Award Winning Waterproof Design
- Works dial tone on DSL lines
- High voltage protection with alarm
- Safe around digital services
- Caller ID & Call Waiting tests
- DTMF receive
- Pair ID tone generator
- Duplex Hands-Free “speakerphone”

## ORDERING INFORMATION:

TM900 | TEST TELEPHONE, TM900, DIGALERT LCD



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# TM900 INFORMATION

## SPECIFICATIONS:

Loop Limit:	5 k ohm
Minimum Loop Current:	10 mA
Maximum Off-hook DC Resistance:	300 ohm
Minimum DC Resistance in Idle, Monitor and Lockout:	10 M ohm at 300 Vdc
Minimum AC Impedance in Monitor:	400 k ohm at 1 kHz
Span Power Lockout Range:	120 Vdc minimum 450 Vdc maximum
Pulse Rate:	10 pps +/- 0.1 pps
Break/Make:	60/40% +/- 1%
Interdigit Interval:	800 +/- 50 ms
Tone Level:	-3 dBm nominal
Tone Frequency Error:	+/- 1% maximum
Tone Twist:	2 dB +/- 1 dB
Flash Duration:	600 ms nominal
Stored Number Capacity:	0 plus 10 x last number redial
Stored Number Length:	32 digits per stored number
PBX Pause:	4 seconds
9Vdc Alkaline Battery Life:	3 months nominal; 30 hours of continuous loudspeaking
Low Battery:	Visual and audible indication
Auto Shut-off:	90 seconds with no line DC 20 minutes with line DC

## ENVIRONMENT:

Operating Temperature:	-29° F to 140° F (-34° C to 60° C)
Storage Temperature:	-58° F to 167° F (-50° C to 75° C)
Water Resistance:	IP67 per IEC 60529 (submersion in one meter of water for 30 minutes)
Physical Shock:	10 foot drop test onto concrete Bellcore TR-TSY-000344 Display option
Physical:	Length: 9.75 in (248 mm) Width: 2.75 in (70 mm) Height: 3.375 in (86 mm) Weight: 1.32 lbs with battery
Warranty:	Three Years

## FEATURES:

- Two-way Speakerphone
- Detection and Lockout of Data Services: T-1, E1, ISDN (BRI and PRI), SW56, xADSL, VDSL, HDSL
- Built-in Ringer with Adjustable Ring Tones
- 10 x 32 digit Speed Dial Memory
- 10 x 32 digit "Last Number Redial"
- Caller ID & Call Waiting functions
- Display of Line voltage, loop current, ringing freq.
- Intercom & SmartIntercom™ for dead pairs
- Microphone Mute
- Easy-to-use Talk and Monitor Keys
- Audible and Visual Mode Indicators
- Line Polarity Test in any Mode
- DigAlert™ data and overvoltage protection
- Speaker Volume Control
- Unique 'Quick Release' Belt Clip
- Premium braided cordset with bed-of-nails and piercing pin clips

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