

TM900 "ID" **DigAlert™ Professional**

Telephone Test Set



Ergonomic

Designed for comfortable shoulder placement. Operate in either hand, clip onto the belt, or use hands free.

Rugged & Weather Resistant

IP67 water and dust resistant. Tough enough to withstand the working environment.

LCD

Immediate access to caller ID and memories, measurement of on-hook voltage, off-hook current, and ringing frequency.

DTMF Digit Recognition

Ensures auto-dialing to the correct number. DTMF power is indicated in dBm to ensure that line conditions are good.

DSL Filter

High impedance design ensures maximum digital line compatibility in both monitor and talk modes.

DigAlert™

Detect and protect digital services and warns the user and protects itself from high voltages and currents.

SmartIntercom™

Allows alerting over a "dead" pair of wires. When a call is requested from one unit, the other unit wakes up, validates the request and acknowledges with a unique tone.

Intercom

Talk over a "dead" pair of wires.

Toner

A built-in pair tracing toner is provided. The frequencies chosen are optimised for use with Tempo probes, or any other probe that works in the telephone audio frequency range.

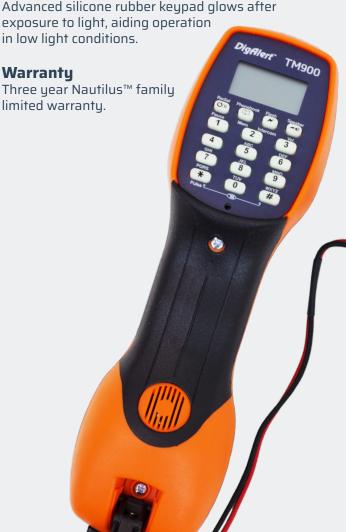


Handsfree & Loudspeaker

Convenient duplex speaker phone function plus loudspeaker monitoring.

Photo-Luminescent Keumat

Advanced silicone rubber keypad glows after exposure to light, aiding operation in low light conditions.



SPECIFICATIONS		
Telephone Compatibility**	TIA / EIA-470-B and ETSI	
Loop Limits (at 48 V)	Resistance: >5 kΩ Minimum Current: <10 mA	
DC Resistance	Off Hook: <300 Ω On Hook: >10 M Ω	
Monitor Impedance	>400 kΩ	
Pulse Dialing**	Rate: 10 pps or 20 pps Break: 60% or 66% Inter-Digit Pause: 800 ms (leakage during break >1 M)	
DTMF/Tone Dialing**	-4 dBm / -6 dBm (ANSI); -9 dBm / -11 dBm (ETSI)	
FSK Caller Name/Number (CID) and Call Waiting (CIDCW)	Bellcore GR-30-CORE TR-NWT-000030 ETSI FSK Types	
LCD	96 x 48 pixels, 5 lines. Displays the following: Caller ID (name and number) and Call Waiting Dialed Number Over-voltage Conditions Phone Status (monitor, on hook, etc.) Line Voltage: 110 Vdc max Loop Current: 125 mA max Ring Frequency: 15-70 Hz	
Memory Dialing:	10 Memories 10 LNR each holding 30 digits including pauses	
Flash/Timed Break Recall**	100 ms 270 ms 600 ms	
Line Protection	Over-voltage: 360 Vdc Continuous >500 V Peak Current Limited: 125 mA Lightning: ITU K.17, 20, 21 (1500 V)	
Intercom Range	6 km	
Toner Output	7 V pk-pk (square wave), two warble rates	
Battery Life	1 x 9V. Alkaline recommended. Will last 6 months with typical use.	
Humidity	Operating: Up to 90% Storage: Up to 95%	
Operating Temperature	32°F to 122°F (0°C to 50°C) LCD, -29°F to 140°F (-34°C to 60°C) Telephony	
Storage Temperature	-58°F to 167°F (-50°C to 75°C)	

SPECIFICATIONS-Unpacked Unit			
DIMENSIONS	INCHES	MILIMETERS	
Length	9.75	248	
Width	2.75	70	
Height	3.4	86	
WEIGHT	POUNDS	GRAMS	
Net	1.3	580	
SPECIFICATIONS-Packed Unit			
DIMENSIONS	INCHES	MILIMETERS	
Overall	3¼ x 4 x 12¼	300 x 100 x 80	
WEIGHT*	POUNDS	GRAMS	
Net	1.4	630	

*Weight varies slightly with cordset and other options.
**Where multiple parameters are shown above, these are user selectable.

SPARE PARTS

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Renewed Vision. **Innovation** Forward.



CAT.NO.

CS-23









DESCRIPTION

CORD SET (RJ11 & LARGE CROC CLIP