

Tele-Mate® Pro Telephone Test Sets

TM-700, TM-700T, TM-700i and TM-700UK



GREENLEE®
COMMUNICATIONS
A Textron Company

Special Features

Ergonomics

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

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 also 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.

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 suitable for use with Greenlee probes, as well as any other probe that works in the audio range.

Loudspeaker

Make many jobs hands free. Note: Loudspeaker does not allow duplex speech, use supplied headset instead.

Headset

Convenient 2.5mm jack is provided for use with earpiece and microphone.

Photo-Luminescent Keypad

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

Warranty

One year limited warranty.



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SPECIFICATIONS

Telephone Compatibility**	TIA / EIA-470-B and ETSI
Caller ID (CID) and Call Waiting (CICW)	Bellcore TR-NWT-000030 (GR30), SR-TSV-002476
Loop Limits (at 48 V)	Resistance: >5 kΩ Minimum Current: <10 mA
DC Resistance	Off Hook: <300Ω On Hook: >10 MΩ
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 and Call Waiting	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	2 x AA cells. 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)
Storage Temperature	14°F to 158°F (-10°C to 70°C)

SPECIFICATIONS-Unpacked Unit

DIMENSIONS	INCHES	MILIMETERS
Length	9.25	235
Width	2.5	64
Height	3.25	83
WEIGHT	POUNDS	GRAMS
Net	¾	350

SPECIFICATIONS-Packed Unit

DIMENSIONS	INCHES	MILIMETERS
Overall	3¼ x 4 x 12¼	300 x 100 x 80
WEIGHT*	POUNDS	GRAMS
Net	1.3	600

SPARE PARTS

CAT. NO.	DESCRIPTION
CS-01	CORD SET (RJ11 TO RJ11)
CS-02	CORD SET (RJ11 TO SMALL CROC CLIPS)
CS-03	CORD SET (RJ11 TO LARGE CROC CLIPS)
CS-04	CORD SET (RJ11 TO RJ11 & LARGE CROC CLIPS)
CS-05	CORD SET (RJ11 TO SHROUDED 4MM)
CS-06	CORD SET (RJ11 TO UK-431A)
CS-07	CORD SET (RJ11 TO NON-SHROUDED 4MM)
HS001	HEADSET (ACCESSORY)

*Weight varies slightly with cordset and other options.

**Where multiple parameters are shown, these are user selectable.

GREENLEE®

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