

## Chart of Test-Um Test Sets

Test Set Features	Test-Um Inc.			Walker	Harris Communications			Chesilvale	Progressive	Ideal
	Lil Buttie	Lil Buttie PRO	Ranger	WTS501	TS19	TS30	TS22	UTS-E	Model 390	Model 4
DigiView™ Displays DTMF received in Monitor			X							
ADLI Auto Dial Line Identification - Displays phone #			ADLI version							
Wink Detector Displays line reversals g.t. 150mS			ADLI version							
Text Storage Tags Name memory dial locations			X							
<b>LCD display</b> with current, voltage, number dialed		X	X							
<b>Scrolling Recall</b> review list of stored numbers		X	X							
<b>Caller ID</b> both on-hook and call waiting		X	X							
Trafix Guard low & high line voltage connect inhibit			X							
DSL Filters prevents loading of DSL lines			X							
<b>DataAlert</b> low Line Voltage connect inhibit		X								
<b>Over Current Protected</b> displays & disconnects		X	X							
<b>Amplified Monitor Earpiece</b>	X	X	X							
<b>Amplified Monitor Speaker</b>			X				X			
9V battery for monitor amplifier	X	X	X				X			
Low Battery Indication	X	X	X							
Remaining battery life display		X	X							
Tone and pulse operation	X	X	X	X	X	X	X	X	X	X
Last number redial	X	X	X	X	X	X	X	X	X	X
Passes 20 foot drop test	10 FT	10 FT	10 FT	?		X	X	X	10 FT	
Spring-loaded belt clip & field replaceable	X	X		X	X	X	X	X	X	X
Continuous polarity indication	X	X	X				X			
Polarity test button	Continuous	Continuous	Continuous	X	X	X	Continuous	X	X	X
Moisture resistant in severe weather	X	X	X	X		X	X	X	X	
PBX pause button	X	X	X	?		X	X	X	X	
Mute switch	X	X	X	?		Locking	X	X	X	X
Headset jack	X	X	X	X						
High Impedance Monitor	X	X	X	X	X	X	X		X	X
Electronic Ringer	X	X	X	X	X	X	X		X	X
Loop limit 2K @ 48VDC (minimum)	Yes	Yes	Yes	?	15mA	20mA	20mA	Yes	Yes	Yes
Talk mode resistance (ohms)	275@20mA	275@20mA	275@20mA	?	150@80mA	225	225		135@80mA	
Monitor mode impedance (ohms) @ 1 KHz	>120K	>120K	>120K	?	100K	>120K	>120K	>300K	50K to 25KHz	>1250
Rotary Dial Output: Pulsing rate 10 pps +/- 0.5pps	X	X	X	?	X	X	X	X	X	X
Percent break 61% +/- 2%	X	X	X	?	X	X	X	X	X	X
Interdigit interval	820mS	820mS	820mS		950mS	800mS	1000mS		800mS	800mS
Leakage during break > 50 K	X	X	X	?	X	X	X	X	X	X
<b>Redial Memory: Capacity</b>	1-32 Digit	5-19 Digit	8-24 Digit	10 Digit	1-28 Digit	1-23 Digit	9-18 Digit	10-24 Digit	10-18 Digit	1-23 Digit
Last number redial (LNR)	X	X	X	X	X	X	X	X	X	X
Storage time	>3 yrs	>3 yrs	>3 yrs	?	15 min	8 min	>3 yrs	2 yrs	lifetime	15 min
Operation Tone and Pulse	X	X	X	X	X	X	X	X	X	X
PBX pause	3.4 Sec	3.4 Sec	3.4 Sec		4 Sec	n/a	4 Sec		4 Sec	n/a