

TG100 vs Aines, Progressive, MicroTest, Triplett

Function	Feature	Test-Um Inc. TG100	Aines Model 240	Progressive 77HP	Progressive 77GX	MicroTest MicroNetBlink	Triplett Corp Fox	Benefit of TG-100
Continuity	Battery current draw with leads open	0 mA	0.3 mA	1.5 mA	0 mA	0 mA	0 mA	No dead battery if left in Continuity or Talk Battery
Polarity	LED(s) for polarity indication	<i>Norm & Rev</i>	Bi-color	Bi-color	Bi-color	Bi-color	Norm only	Separate LEDs are easier to understand especially on AC signals
Talk Battery	Separate Talk Battery and Continuity	YES	No	No	Yes	No	No	More Current when needed, same current as 77HP in Continuity mode
	Talk Battery Voltage (into 600 ohms)	<i>6.0 Volts</i>	3.2 Volts	4.1 Volts*	5.5V	4.5V	5.1Volts	Higher voltage means better test set performance & battery life
Tone	Tone Auto-off	3 hours	No	No	4 hours	No	No	No dead batteries if left on
	Tone with talk battery/continuity	YES	No	No	Yes	No	No	Tone can be used with phones with no monitor mode
	Tone Power (into 600ohms) - new battery	<i>8.3dBm</i>	6.4dBm	6.5dBm	8.0dBm	3.5dBm	1.8dBm	Consistent tone level over life of battery
	5.4V - low battery	<i>8.3dBm</i>	1.3dBm	1.2dBm	0.9dBm	1.3dBm	-3.3dBm	
	Tone Levels	<i>Full & 1/2</i>	Full only	Full only	Full& 1/2	Full only	Full only	Can reduce amplitude when Tone tracer overloads
	Selectable tone switch	<i>External</i>	Internal	Internal	External	None	External	No need to open case to change tone type
Battery current draw	<i>1.2mA</i>	1.0mA	1.5mA	2.3mA	4.6mA	1.8mA	The lower the current, the longer the battery will last	
General	Battery Low Indicator	YES	No	No	No	YES	No	No guessing when to replace battery
	Recessed Switches and Buttons	YES	No	No	No	No	No	Less chance on accidental activation and loss of battery life
	Non-removable cable(s)	NO	Yes	Yes	Yes	Yes	Yes	No extra cords in the way, field replaceable cable
	RJ jack on Generator	YES	No	No	Yes	No	No	Can use any RJ11 cord set

*Progressive 77HP/6A talk battery voltage is 5.8V

All values quoted were measured and differ from published specs in some cases

Red = Advantages over 77GX and most other competitors