LDG Electronics Autotuner User Selection Chart

PARAMETERS & FEATURES	Z-100	Z-11Pro	AT-897	AT-100Pro	AT-200Pro	AT-7000	AT-1000
Power Range (W)	0.1-125	0.1-125	0.1-100	1-125	5-250	0.1-125	20-1000
6 meters (max)	50	100	100	100	100	100	100
Good for QRP?	Yes	Yes	Yes	Yes	No	Yes	No
Good for Backpacking/Portable?	Yes	Yes	Yes	No	No	No	No
Tuning Range (Ω)	6-800	6-1000	6-800	6-1000	6-1000	4-800	6-800
Display							
SWR	1 LED	3 LEDs	No	LED Bargraph	LED Bargraph	No	Meter
RF Power	No	No	No	LED Bargraph	LED Bargraph	No	Meter
Latching Relays	Yes	Yes	Yes	Yes	No	Yes	No
Manual Adj. of L&C	No	Yes	No	Yes	Yes	No	Yes
Antenna Ports	1	1	1	2	2	1	1
Antennas Selectable per Port	1	4	1	1	4	1	1
Total Antennas Selectable	1	4	1	2	8	1	1
Memory Size (data sets)	200	8,000	200	4,200	16,000	2,000	200
# of banks	1	4	1	2	8	1	1
Automation	LIFO[1]	Freq Meas.[2]	LIFO[1]	Freq Meas.[2]	Freq Meas.[2]	Freq Meas.[2]	LIFO[1]
Tuning							
Full Tune (s)	0.5-6 (3 ave)	0.5-6	0.5-6 (3 ave)	0.5-6	0.5-6	0.5-6	1-8
Memory Tune (s)	0.5	0.1	0.5	0.1	0.1	0.1	0.5
Semi (press button to tune)	Yes	Yes	Yes	Yes	Yes	No	Yes
Automatic	No	Yes	No	Yes	Yes	No	No
User Auto Threshold Set	No	Yes	No	Yes	Yes	No	No
Internal Battery Capable	Yes	Yes	No	No	No	No	No
External DC Input Voltage (V)	8-18	8-16	11-16	11-16	11-16	11-16	11-16
Current Draw after Tune	< 25 μA	< 25 μA	< 25 μA	< 8 mA	Up to 1 A	< 8 mA	Up to 1 A
Power OFF-ON Switch?	No	No	No	No	Yes	No	Yes
Weight (lbs)	1.0	1.5	2	1.5	2	1.5	6

[1] LIFO = last tuning L-C pair is checked first on next tuning, then the next most recent, etc. until the SWR is below 1.5:1; if the memory becomes exhausted, then the tuner does a full tuning cycle and stores the L-C values determined.

[2] Freq. Meas. = automatically storing of tuning L-C values for each frequency and band as you use them, for each of four antennas on each RF port. Whenever you transmit on or near a frequency you've used before, the autotuner retunes from memory almost instantly (even in SSB!). Memories are retained indefinitely.