

Function	AA-30 Zero	AA-30	AA-Stick	AA-35 Zoom	AA-54	AA-55 Zoom	AA-170	AA-230 Zoom	AA-600	AA-1000	AA-1400
Frequency Range	0.06-35 MHz	0.1-30 MHz	0.06-230 MHz*	0.06-35 MHz	0.1-54 MHz	0.06-55 MHz	0.1- 170 MHz	0.1-230 MHz	0.1-600 MHz	0.1-1000 MHz	0.1-1400 MHz
Analog-to-digital converter	10-Bit	10-Bit	12-Bit	12-Bit	10-Bit	12-Bit	10-Bit	16-Bit	16-Bit	16-Bit	16-Bit
Antenna connector type	SMA	SO-239	SO-239	SO-239	SO-239	SO-239	SO-239	N-Connector	N-Connector	N-Connector	N-Connector
Batteries	None	2-AA	1 - 18650	2- AA	2 - AA	2 - AA	3 - AA	4 - AAA	3 - AA	3 - AA	3 - AA
Battery voltage sensor	None	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bluetooth	None	None	Yes	None	None	Optional	None	Optional	None	None	None
Calibration Mode	None	None	Antscope Only	None	None	Yes - F2 Toggle	None	Yes - F2 Toggle	Yes - No Toggle	Yes - No Toggle	Yes - No Toggle
Coax "Tools"	None	None	None	None	None	Yes	None	Yes	None	None	None
Frequency Entry Step Size	1 KHz	1 KHz	1 KHz	1 KHz	1 KHz	1 KHz	1 KHz	1 KHz	1 KHz	1 KHz	1 KHz
LCD Screen	None	Mono 128 X 64	E-Paper Mono 200X200	Color TFT 320 X 240	Mono 128 X 64	Color TFT 320 X 240	Mono 128 X 64	Color TFT 290 X 220	Color TFT 320 X 240	Color TFT 320 X 240	Color TFT 320 X 240
Min. sweep range	100 Hz	10 KHz	10 KHz	10 KHz	10 KHz	10 KHz	10 KHz	10 KHz	10 KHz	10 KHz	10 KHz
Multilingual support	English Only	None	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MultiSWR mode	None	None	Yes	None	Yes	Yes	Yes	Yes	Yes	Yes	Yes
On-board memory slots for storing graphs	None	None	None	10	100	10	100	100	90 RX-SWR/ 10 TDR	90 RX-SWR/ 10 TDR	90 RX-SWR/ 10 TDR
External power supply (without Batteries)	Ext. 5V	USB- B	USB C	USB- B	USB- B	USB- B	USB- B	USB- B	USB- B	USB- B	USB- B
Output amplifier Type					CMOS	Logic	Chip				
Output power	+13dBm	+13dBm	-10dBm	+13dBm	+13dBm	-10dBm	-10dBm	-10dBm	-10dBm	-10dBm	-10dBm
Output signal shape	Square	Square	Square	Square	Square	Square	Square	Square	Square	Square	Square
Plot Points	None	80	100	100	80	100	80	20,50,100, 250,500	100	100	100
Smith Chart View	AntScope Only	None	None	None	None	Yes	None	Yes	Yes	Yes	Yes
Presets for radio amateur bands	None	None	Yes	Yes	None	Yes	None	Yes	Yes - No Markers	Yes - No Markers	Yes - No Markers
Reactance/ Resistance Graphing mode	AntScope Only	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Impedance Reference for SWR measurement	25, 50, 75, 100 Ohms	50, 75 Ohm	25,50, 75,100, 150,200, 300,450, 600 Ohm	25, 50, 75, 100 Ohms	50, 75 Ohm	25,50, 75,100, 150,200, 300,450, 600 Ohm	50, 75 Ohm	25,50, 75,100, 150,200, 300,450, 600 Ohm	25,50,75, 100 Ohm	25,50,75, 100 Ohm	25,50,75, 100 Ohm
SWR2Air Mode	None	None	None	Yes	None	Yes	None	Yes	Yes	Yes	Yes
Time Domain Reflectometer (TDR) mode	None	None	None	None	None	None	None	Yes	Yes	Yes	Yes
<b>Model</b>	<b>AA-30 Zero</b>	<b>AA-30</b>	<b>AA-Stick</b>	<b>AA-35 Zoom</b>	<b>AA-54</b>	<b>AA-55 Zoom</b>	<b>AA170</b>	<b>AA-230 Zoom</b>	<b>AA-600</b>	<b>AA-1000</b>	<b>AA-1400</b>