

Specification	Details
Brand / Manufacturer	AURSINC (made by Hugen)
Model / Part Number	TinySA, Hardware & Firmware V0.3.1
Input 1 (LOW)	MF / HF / VHF: 100 kHz – 350 MHz (high quality)
Input 2 (HIGH)	UHF: 240 MHz – 960 MHz (medium quality)
Resolution Bandwidth (RBW)	Switchable bandpass filters: 2.6 kHz – 640 kHz
Scan Points	290 points per sweep across full range
Signal Generator Output	Sine wave 0.1 MHz – 350 MHz (MF/HF/VHF); Square wave 240 MHz – 960 MHz (UHF)
Reference Generator	Square wave output: –25 dBm; selectable at 1 / 2 / 4 / 10 / 15 / 30 MHz
Display	2.8" colour touchscreen, 320 × 240 px, 16-bit RGB
Controls	Resistive touchscreen + rotary encoder
ESD Protection	Yes (diode-protected, improved 2021 design)
PC Interface	USB-C, CDC serial protocol; Windows (auto-driver) & Linux (kernel driver)
Power Supply	Linear regulator (minimises switching noise)
Battery	500 mAh Li-Ion (built-in); charge time ≤ 1 h via USB (≥ 500 mA); runtime ≥ 2 h