



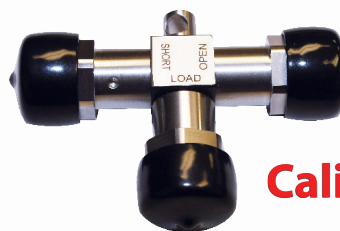
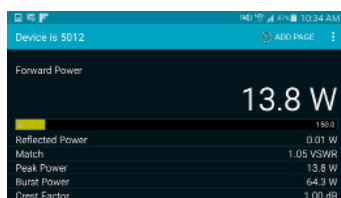
SiteHawk Analyzer

SK-200-TC, SK-4500-TC



The **RF** Experts

- Easy to operate and field ready for first-time, occasional and experienced users.
- FDR (Frequency Domain Reflectometry) measurement method results in a highly reliable assessment of the health of critical components in your system; ultimately providing a “heads-up” before a failure occurs.
- Fault location or DTF mode indicates VSWR or Return Loss levels at each point along the cable and antenna system length.
- Cable Loss function measures insertion loss of the cable system over a given frequency range.
- Units cover frequency ranges of 300 kHz-200 MHz and 1-4500 MHz.
- USB communication port for connection to storage device and battery charging.
- Three Year Warranty!!
- Includes Bird RF Meter App:



**Now includes
Calibration Combo!**

MEASUREMENT CAPABILITY

Fast swept measurement.

Seven user-selectable trace capture options:
51,101,201,401,801,1601 or 3201 data points per sweep.

Adjustable pass/fail limit with visual indicator.

16GB of internal flash memory for storing thousands of traces and setups.

X and Y scales and units are user adjustable.

Six markers for either direct or difference measurements.

Can also measure relative to limit line or recalled trace.

Measurement hold to temporarily store a trace.

Frequency can be set using either Start/Stop or Center/Span frequencies.

Measurement can be Return Loss [dB], Cable Loss [dB], VSWR [ratio], DTF VSWR [ratio] or DTF Return Loss [dB].

Measurement units can be Return Loss [dB] or VSWR [ratio].

APPLICATIONS

Worldwide Cellular, PCS/DCS, CDMA, GSM, LTE Protocols, 3G, Broadcast, Government, Tactical Military, Microwave, Paging, Public Safety, Trunking, WLAN, TETRA, WLL.



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SPECIFICATIONS

Frequency Range	
SK-200-TC	300 kHz - 200 MHz
SK-4500-TC	1 MHz - 4500 MHz
Frequency Accuracy	$\pm 2.5 \times 10^{-6}$
Frequency Resolution	1 kHz
Output Power	-10dBm
Reflect Amplitude Accuracy	
-15 dB to 0 dB	0.4 dB
-25 dB to -15 dB	1.5 dB
-35 dB to -25 dB	4.0 dB
Trace Noise Magnitude (IFBW 1kHz)	0.02 dB rms
Measurement Speed	1ms / data point
Measurement Points	51 to 3201
Measure Bandwidth	100 Hz to 30kHz
Temperature Stability	0.01 dB/°F 0.02 dB/°C
Return Loss Measurement Range	0 dB to -60 dB
Resolution	0.01 dB
VSWR Measurement Range	1.0 to 65.0
Cable Loss Measurement Range	0 dB to 30 dB
DTF Range	0 to 5000 (ft) 0 to 1500 (m)
Test Port Connector Impedance	N-type, Female 50 ohms
Connector	
SK-200-TC	Micro USB B, USB 2.0
SK-4500-TC	USB Type-C, USB 3.0

STANDARD ACCESSORIES PROVIDED SK-200-TC

SK-CAL-MN-C	Calibration Combo
SK-TP-112	Stylus
5B2229-510H-3	AC ADAPTER (5 Vdc Output)
7002A218-2	Hard Carrying Case
5A2653-3R5NL4	USB Interface Cable, Power, 1 meter long
SK-TC-MNFN-1M	RF Cable, 1.0 meter long
920-SK-4000	Instruction Manual
7002A219-1	Soft Carrying Case
5A2745-1	USB Drive
5A2653-0R5NL5	USB Interface Cable, 15 cm long
BIRD-BTY-TMI3C	Battery

Languages	English, Chinese, Spanish
Recommended Calibration Interval	3 year
Dimensions (LxWxH)	
SK-200-TC	7.2 x 3.8 x 1.9 (in) 182 x 95 x 46.5 (mm)
SK-4500-TC	7.7 x 3.6 x 2.4 (in) 195 x 90 x 60 (mm)
Weight	1.98 (lbs) 0.9 (kg)
Maximum Input Voltage	50V
Operation Temperature	14°F to 131°F -10°C to +55°C
Storage Temperature	-40°F to 176°F -40°C to +80°C
Battery Charging Temperature	32°F to 95°F 0°C to +35°C
Storage Capacity	Thousands of Trace and Setups
Immunity to Interfering Signals	+13dBm
CE EMC Safety	Standard EN 61326-1:2006 Standard EN 71010-1:2001
Battery SK-200-TC	Lithium-ion rechargeable 4 Hrs Typical Operating Time
SK-4500-TC	10 Hrs Typical Operating Time
Battery Charge Time	5 Hrs Full Charge
Power Measurement	Yes
Compatible With	For a complete list of compatible sensors see Bird's Rf Meter Page http://bit.ly/rfmeterrapp

STANDARD ACCESSORIES PROVIDED SK-4500-TC

SK-CAL-MN-C	Calibration Combo
SK-TP-112	Stylus
SK05T-1200300Z	AC Adapter (12 Vdc Output)
7002A218-2	Hard Carrying Case
SK-TC-MNFN-1M	RF Cable, 1.0 meter long
920-SK-4500	Instruction Manual
7002A219-1	Soft Carrying Case
5A2745-1	USB Drive
SK-CONN-OTG-2	USB Adapter
SK-BTY-7468	Battery

OPTIONAL ACCESSORIES

PA-MNFE	Adapter, N(m) to 7-16 DIN(f)
5A5002-6	International Adapter

