

SUREGOM® SF20
Power Meter & Frequency Counter



USER'S MANUAL



20W Power Meter & Frequency Counter

Specifications:

- Measurable Power Range: 0-20W
- Maximum Power Input: 20W
- 0-10W (Measuring can not be continue for more than a minute)
- 10W-20W (Measuring can not be continue for more than a 30 second)
- Up to 20W (Measuring can not be continue for more than a 5 second)

Caution :

- RF power over 20W may damage the 50 Ω dummy load.
- Metal body is heated while working.

Features function

- Hold the red button for only 2 seconds then let go
- Hold red button -" Power on " and "Frequency counter "Mode
- Push red button -" Power Meter "mode
- Push red button -" Signal Level "mode
- Push red button -" Battery Level "mode

1) How to use Frequency counter .

- Two ways to use the frequency counter meter :
 - A) Connect walkie-talkies with BNC
 - B) Receive radio signals from the top sma antenna
- Hold red button --" Power on " and "Frequency counter "mode
- Connect the antenna to sma .
- 20.000MHz to 999.999 MHz

2) How to use Power meter . Hold red button -switch on

- Push red button once to mode "POWER "
- Connect the BNC to the walkietalkie TX output . and Push to PTT button from walkietalkie.
- * Show <22 mean Power output Over 22W

3) How to use signal input level . Hold red button -switch on

- Push red button twice to mode "receive "
- Connect the antenna to sma.

4) How to check Battery level .Hold red button -switch on

- Push red button 3 times to mode "BAT "

Features:

- 1) Power readout directly in digital form without any calibration.
- 2) Maximum measurable power range up to 20W.
- 3) Check your Radio power output watt & radio frequency under a second.
- 4) Easy connection with handheld Radio

Specifications:	
Model: SF-20	
Power Meter Mode	
MAX. Power in	20 WATT
Build-in Dummy Load	50Ω 20W (Max 20w)
RF Power in Freq.Range	100-525MHz
input resistance	50Ω
Display Show	0-20W or (>22 over 22W)
Plug in Detect	BNC
Frequency Counter Mode	
Frequency counter Range	20.000MHz~999.99MHz
Build in :	Detect RF in
Antenna in :	SMA male antenna
Display Show:	20.000-999.99
Features Specifications:	
Work temperature	-20°C ~+60°C
Battery Build -in	Li-ion Battery
Size (with OUT BNC /SMA)	25*25* 87 (mm)
Size (with BNC/SMA socket)	25*25*115 (mm)
Power in	5V (micro usb)
Weight	94g

Package Contents

- 1x SF-20 Meter
- 1x English User Manual
- 1x USB charger cable
- 1x USB AC adapter 100-240V

