



INSTRUCTION MANUAL

DG-503 / DG-503MAX Digital SWR / Watt Meter

Highly accurate for measuring Forward Power, Reflected Power & VSWR

MAIN FEATURES

1. Large LCD (3.5") display for easy of reading.
2. Forward / Reflected power / VSWR ratio in one push button
3. Selectable to measure DMR (TDMA) SSB, AM (DG503MAX)
4. LCD backlight display
5. Convenient control layout for easy operation
6. Packing box and DC 12V wire.

MODEL	DG-503	DG-503MAX
Frequency Range	1.6-60 MHz / 125-525 MHz	
Measurement (Analog mode)	CW, FM, FDMA	
Measurement (MAX mode)	Not available	DMR (TDMA) /SSB / AM
Calibration point	28 / 145 / 435 MHz	
Power Range	0-200 W	
Accuracy	+/- 5%	
Minimum Power for SWR	1 W	
Input/Output Connector	SO239	
Insertion Loss	Less than 0.1 dB	
Testing Function	Fwd/Ref Power & VSWR ratio	
Impedance	50 Ohm	
Dimension (W/H/D) & weight (net)	140 x 84 x 122 mm; 750 grs.	
Accessories	Operation Manual, 12V DC Wire	

FRONT PANEL



1. LCD Display : Indicates FWD/REF and VSWR
 2. HF / V-UHF band switch
 3. DC Power switch
 4. MAX : Measuring DMR (TDMA) / AM / SSB
- NOTE: When measuring TDMA or other digital modes the display may blink due to the nature of the transmission this is not a fault of the design and is normal operation.

BACK PANEL



5. TX 125-525 MHz Coax connector to transmitter
6. TX 1.6-60 MHz Coax connector to transmitter
7. Power source :12V DC wire [Black is negative (-), black/white is positive (+)]
8. ANT 125-525 MHz Coax connector to antenna
9. ANT 1.6-60 MHz Coax connector to antenna
10. MAX switch : Selectable DMR (TDMA), AM, SSB.