

K-SWR-1000 26-30MHz. 10W, 100W, 1KW

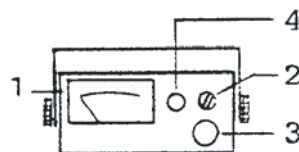
INSTRUCTION MANUAL

SPECIFICATIONS :

Frequency Range	26-30 MHz
Power Range	10W-1KW
Power Scale	10W/100W/1KW
Maximum Power	1KW
Accuracy 30W Range	(AVG) +/- 10% (PEP) +/- 15%
300W-3KW Range	(AVG) +/- 5% (PEP) +/- 10%
SWR Measurement	Minimum 5W
Testing Function	Forward, PEP POWER, SWR
Input/Output Impedance	50 OHM
Input/Output Connectors	M type, "N" type optional
Dimension (W/H/D) mm	170 x 80 x 80 (w/o holder)
Weight (Net)	800g (w/ holder)
Accessories	Operation Manual

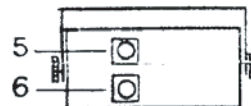
<FRONT PANEL>

1. Meter Display: Indicates FWD power and VSWR ratio.
2. Range/Function SW: Selects RF power range 10/100/1KW or VSWR/CAL.
3. Calibration Control: Sets full scale deflection when measuring VSWR.
4. AVG/PEP MONI.: Selects Average or PEP RF power readings.



<REAR PANEL>

5. TX connector: Coax connector to transmitter 50 Ohm RF output.
6. ANT connector: Coax connector to 50 Ohm antenna system.



<FORWARD POWER MEASUREMENT>

1. Set the radio transceiver to transmit and read the scale corresponding to the Power Range selected (10W, 100W, or 1KW)
2. When the AVG/PEP button is 'out', the meter reads average RF power. When the button is "depressed" the meter reads Peak Envelope Power for use with SSB and AM transmissions. In this mode there will be a slow rise and decay time.

<VSWR MEASUREMENT>

1. Set the radio transceiver to transmit mode, slowly turn the CAL ADJ control clockwise until the meter pointer is at full scale position.
2. Now set the Function Switch to SWR position whilst still transmitting, the meter will now indicate the VSWR ratio.

[CAUTION]

1. Since the meter movement is very sensitive, avoid excessive vibration or mechanical shock to the meter.
2. The absolute maximum power that should be applied to the meter is 1KW. Also observe maximum power inputs of 10W and 100W when using the two lower ranges.
3. The meter must never be reverse connected. Always observe the correct connections to transmitter and antenna as indicated on the rear sockets.
4. The meter has been carefully calibrated at the factory, Tampering with any of the internal circuitry or sensors may cause damage and will degrade the meter's accuracy.
5. Do not expose the meter to excessive temperatures, high humidity, or strong magnetic fields.