

**MODEL RW-271A (130MHz - 1300MHz) THROUGH LINE WATTMETER**

The model RW-271A applies 2 units of new type sensors and it can measure wide range of frequencies from 130MHz to 1300MHz. The model RW-271A is available with 2 transceivers, VHF and UHF with selecting switch. The SWR measurement is available with simple operation and the SWR can be read directly. For SWR measurement of the aerial and transmitting power, please set this model in between transmitter and the feeding line of antenna.

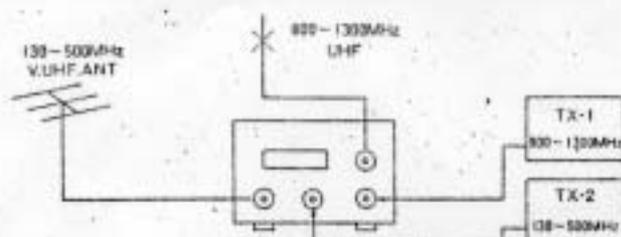
**SPECIFICATIONS:**

Frequency Range	: 130 - 1300MHz
Measurement Power	: 20/200W(Max. 200W PEP)
Impedance	: 50 ohms
Remaining SWR	: Less than 1.2
Indicating Allowance	: 10 percent F.S.
Insertion Loss	: Less than 0.3dB at 1.3GHz
Connector	: 'M' type for 130-500MHz (MR-50A type) 'N' type for 800-1300MHz
Size	: 76 x 150 x 120
Weight	: 1000 g

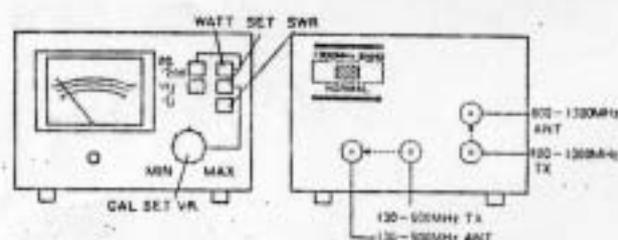
**OPERATION AND CONNECTION:**
**\* CONNECTION WITH TRANSCEIVER AND ANTENNA**

The RW-271A is provided with 2 sensors for 130-500MHz and 800-1300MHz. It can be connected with both VHF and UHF antennas and transceivers and the measurement will be done by selecting the switch on the front panel. Please refer to the sketch (Fig.1).

(Fig. 1)



(Fig. 2)


**\* SELECTING OF MEASUREMENT RANGES AND CM COUPLERS(SENSORS)**

The Selection of Measurement Range :  for 20W  
 for 200W

The Selection of CM Coupler(Sensor):  for V/UHF (130-500MHz)  
 for UHF (800-1300MHz)

\*When 1300MHz measurement, select the slide switch to the direction of 'ARROW' marking (leftside).