

MODEL **HC-2000**



 TOKYO KY-POWER HF ALL BAND KW ANTENNA COUPLER



METER



SWR CAL.



BAND



MODE

MODEL **HC-2000**



TUNE



LOAD



TOKYO KY-POWER

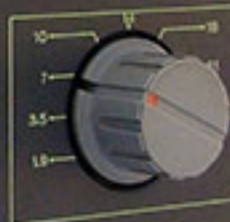
HF ALL BAND KW ANTENNA COUPLER



METER



SWR CAL



BAND

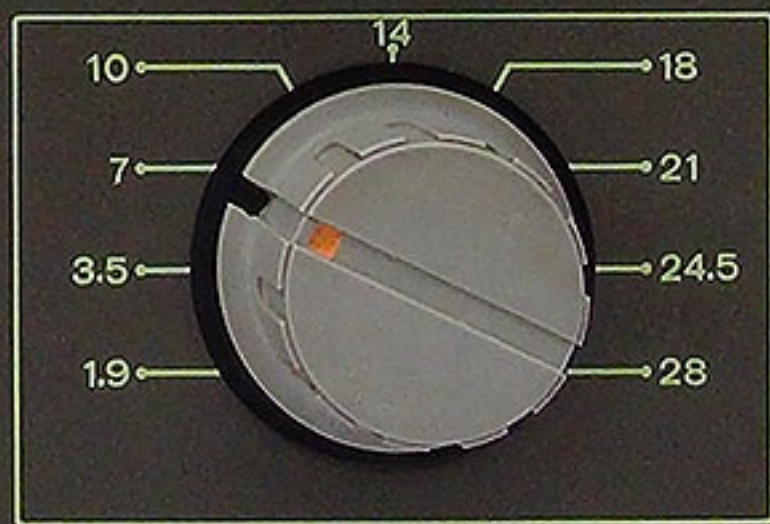


MODE

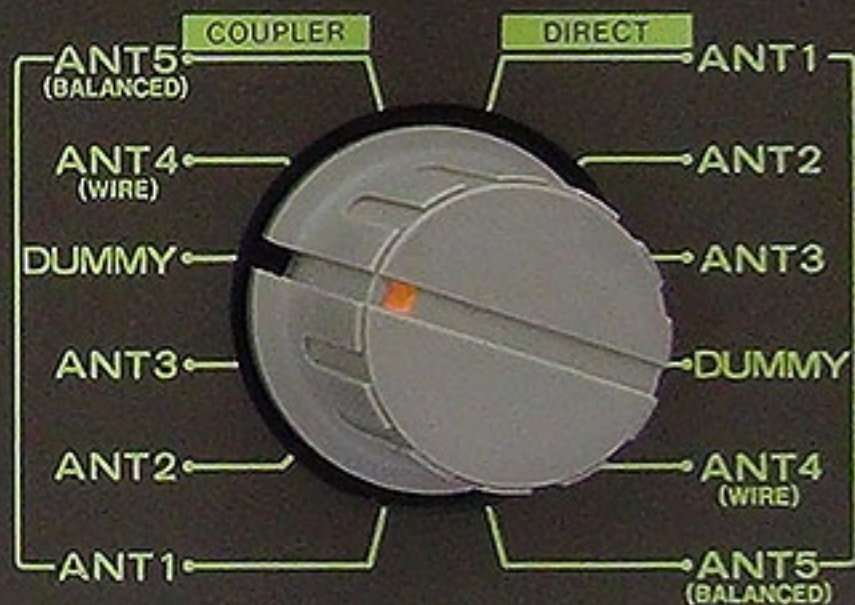
TUNE



LOAD



BAND



MODE

HF ANTENNA COUPLER MODEL HC-2000
FREQ. BAND * 1.8-30-7-10-14-18-21-24.5-28MHz
MAX. INPUT POWER * 2KW/100W/500W/1000W/LOAD
INPUT IMPEDANCE * 500
OUTPUT IMPEDANCE * 100 ~ 5000

ANT1
ANT2

ANT3
ANT4

SERIAL NO. 65515

ANT1

ANT2

ANT3

ANT4

CRD

TX

DUMMY

ANT3

ANT2

ANT1

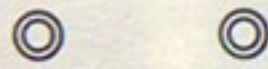
CRD


TX

TOKYO HY-POWER LABS, INC. JAPAN

HF ANTENNA COUPLER MODEL HC-2000

FREQ. BAND • 1.9-3.5-7-10-14-18-21-24.5-28MHz
MAX. INPUT POWER • 2KW (1.9MHz : 500W) to 50Ω LOAD
INPUT IMPEDANCE • 50Ω
OUTPUT IMPEDANCE • 10Ω ~ 500Ω


┌ ANT5 ─┐
└ (BALANCED) ┘


ANT4
(WIRE)


SERIAL NO.


55515



DUMMY


ANT3


ANT2


ANT1

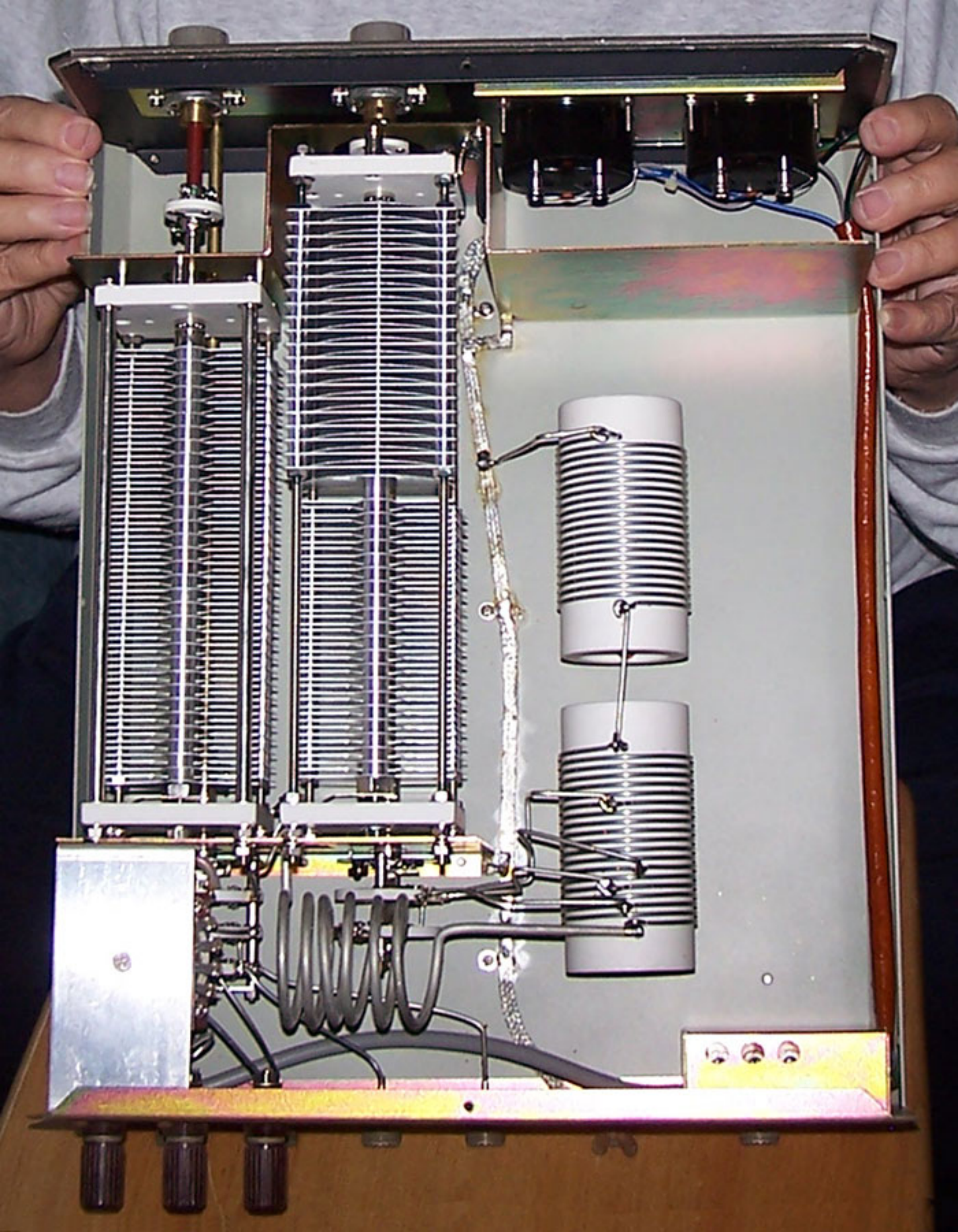

GND

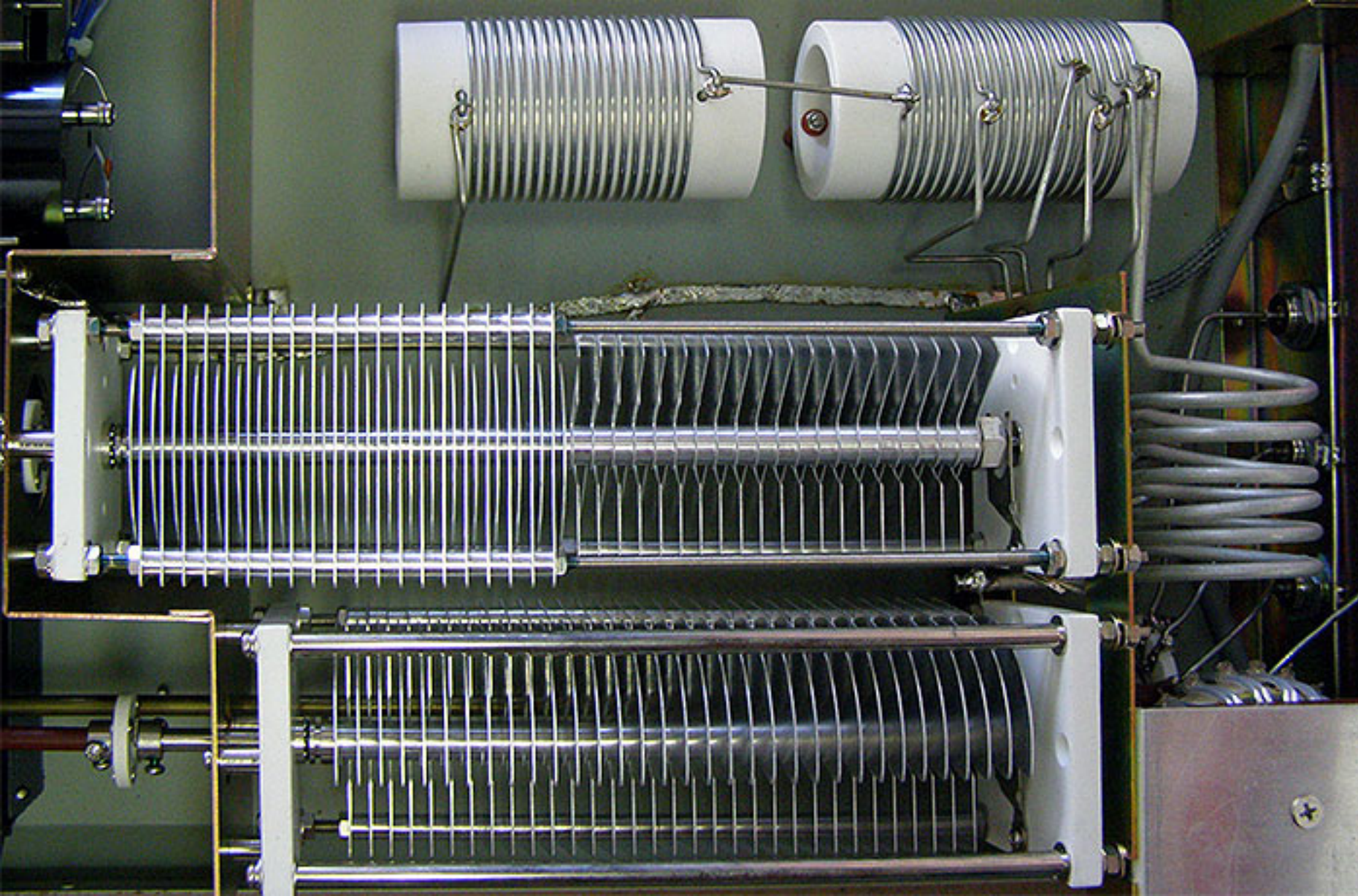

TX

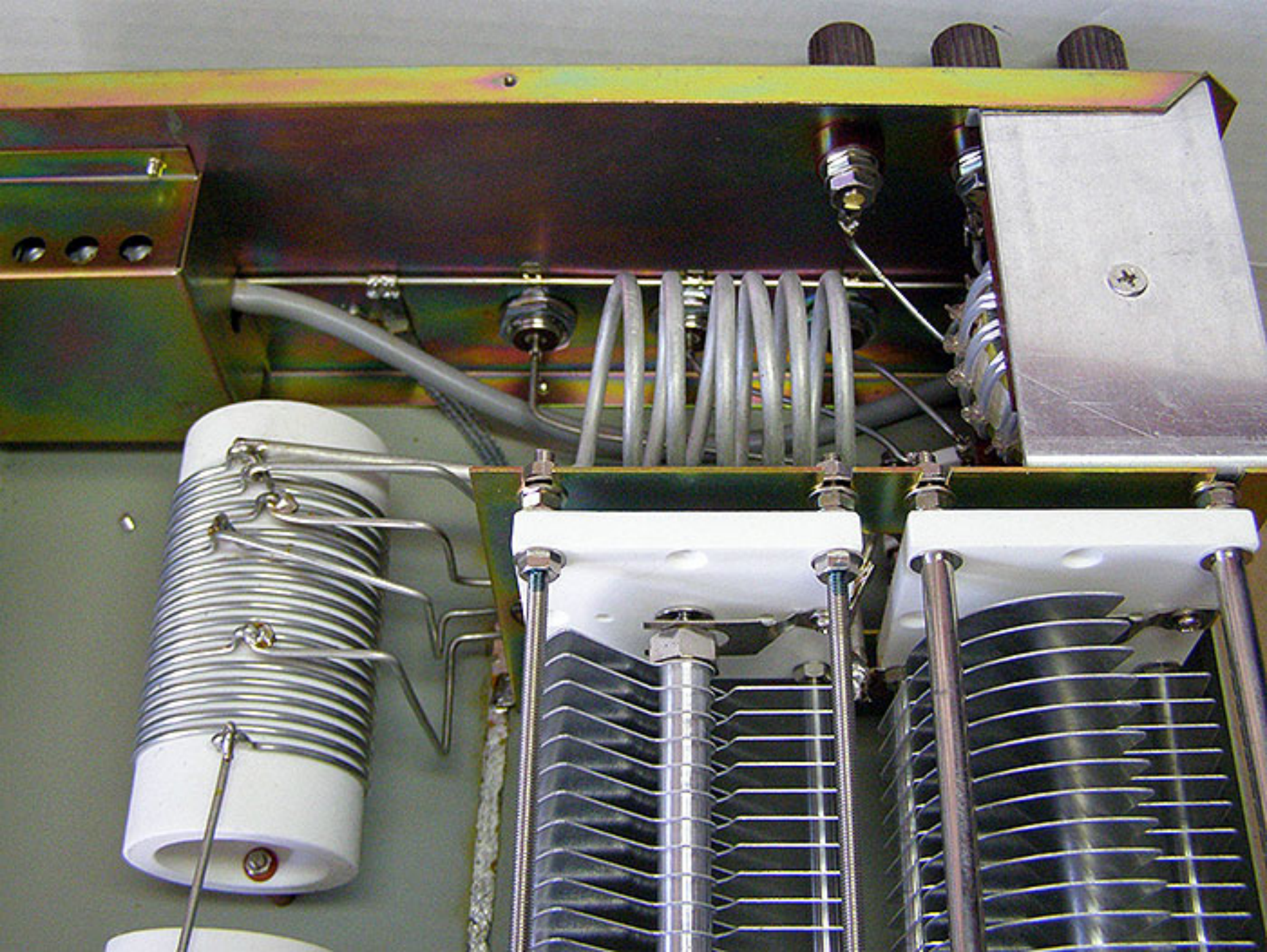


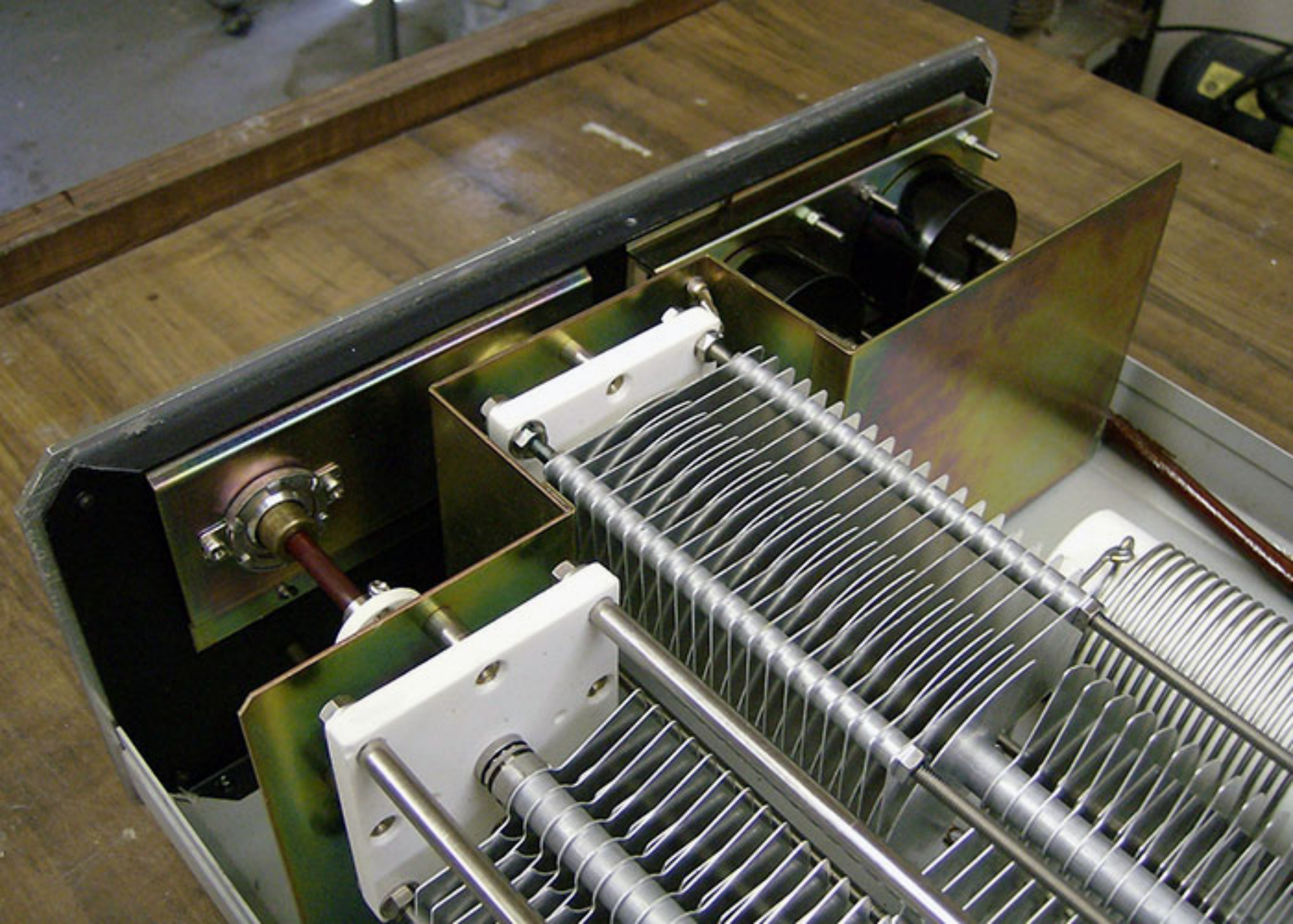
TOKYO HY-POWER LABS., INC.

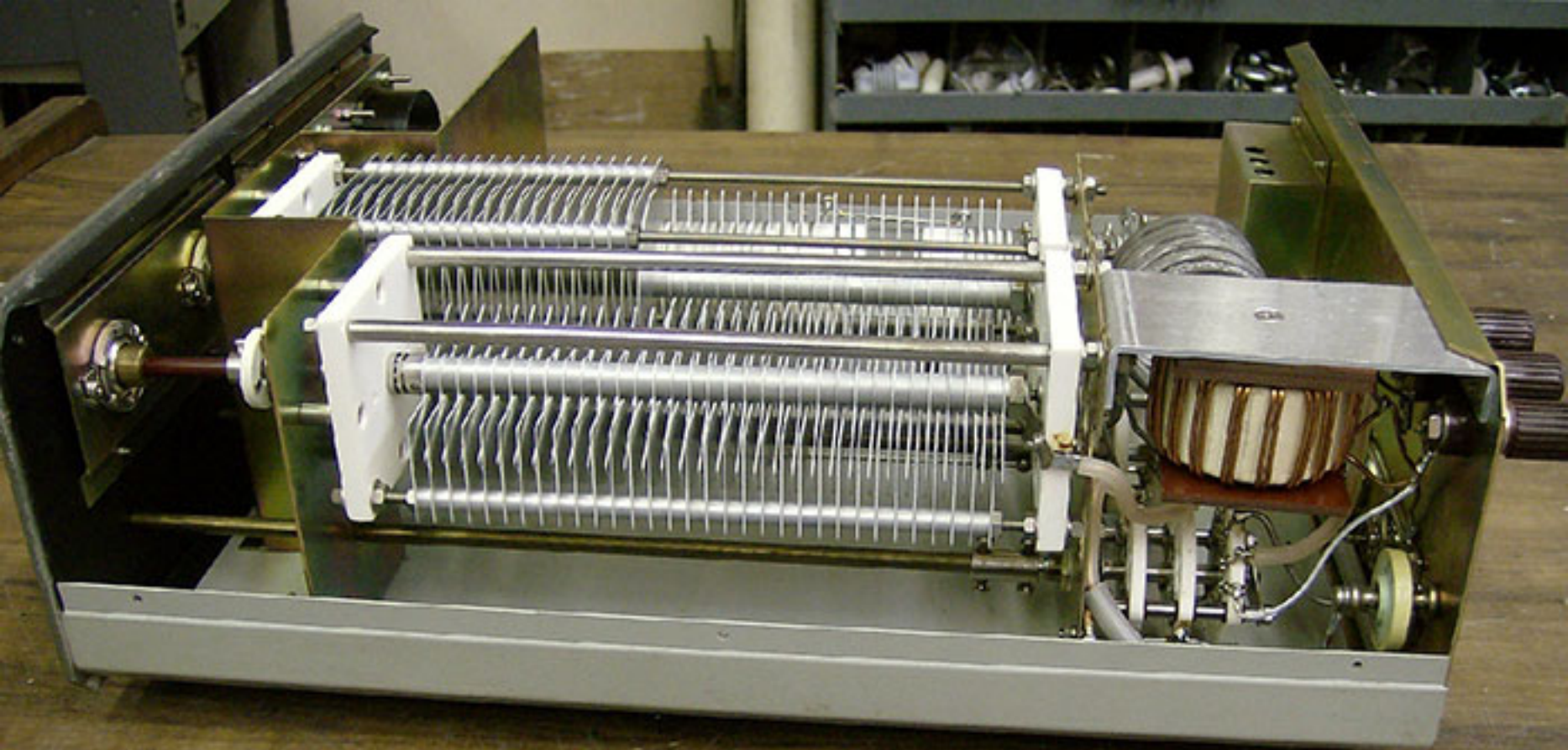
JAPAN











FEATURES

HEAVY DUTY COMPONENTS

The variable capacitors, rotary switch, and steatite coil form were selected to meet the demands of legal high-power operation. Copper tubing is used at the higher frequencies for best results.

VERNIER TUNE AND LOAD

Vernier drive mechanisms are used on both the tune and the load capacitors in the HC-2000 for smooth, accurate settings with a minimum of backlash and vibration error.

TWO LARGE METERS

Large meters provide easy determination of a proper match or the measurement of power applied to the 50-Ohm point in the network. Three power ranges and a VSWR position are provided.

SIX ANTENNAS

Six different positions are available through the coupler or direct including one wire antenna and one balanced feed line type. One position is marked Dummy for the use of a dummy load but may be used for an antenna also.

BANDPASS FILTER

The same characteristics that make for a good antenna-matching network also have use in the suppression of unwanted harmonics and other spurious emissions generated by the transmitter. This aids in the prevention of TVI and BCI.

SPECIFICATIONS

Bands:	1.9, 3.5, 7, 10, 14, 18, 21, 24.5, 28 MHz Amateur Bands.
Input Impedance:	50 Ohms.
Output Impedance:	10 to 500 Ohms coax, long-wire, or balanced (with optional balun supplied by user).
Maximum Power:	2000 Watts PEP after matching is completed (except 1.9 MHz band max. input is 500 Watts).
Insertion Loss:	Less than 0.3 dB for coupler.
Inline VSWR:	Less than 1.1:1 VSWR from input to Dummy.
Forward Power:	2000, 200, 20 Watts of VSWR switchable.
Connectors:	UHF, SO-239, "M" type of coaxial connectors and three Johnson Terminals.
Size:	12.9" (w) x 5.16" (h) x 15.6" (d).
Weight:	18.74 pounds.

HC-2000 同路图

