

SPECIFICATIONS

FL-7000

<i>General</i>	
Frequency Coverage (MHz)	1.8–2, 3.5–4, 7–7.5, 10–10.5, 14–14.5, 18–18.5, 21–21.5, and Modifiable for 12/10M, Amateur license required.
Collector Input Power (Final Transistors)	(SSB/CW) 1200W PEP (FSK) 600W DC, 550W (AM)
Continuous Full Power Transmission Period	(SSB) 100% for 30 min. (Full Carrier) 100% for 1 min.
Case Size (WHD)	390 x 130 x 400mm (15.4 x 5.1 x 15.8 in.)
Weight	30 kg (66 lb)
Supply Voltage	100/110/117/200/220/234V AC \pm 10%
Power Consumption	1900 VA maximum (@ 500W RF output)

<i>Linear Amplifier Section</i>	
Excitation Power	Less than 100W for 1200W input
ALC Voltage Range	0 to -9V
Spurious Radiation	Less than -50 dB
Third Order Intermodulation Distortion	Less than -25 dB
Input/Output Impedance	50 ohms, unbalanced

<i>Automatic Antenna Tuner Section</i>	
Impedance Matching Range	(1.8–2 MHz) 25 to 100 ohms, unbalanced; (other amateur bands) 16 to 150 ohms, unbalanced
Maximum Feedthrough Power	600 watts
Insertion Loss	Less than 0.5 dB when tuned to match
VSWR After Matching	1:1 to 1.2:1