

SPECIFICATIONS ACOM 2000A

- Frequency Coverage: All amateur bands 1.8-29.7MHz
- Power Output: 1500W PEP or continuous carrier, no mode limit. In continuous carrier modes (RTTY etc.) for transmissions longer than 15 minutes (up to several hours depending on ambient temperature), the optional auxiliary fan must be mounted.
- Intermodulation Distortion: Better than 35dB below rated PEP output.
- Hum and noise: Better than 35dB below rated output.
- Harmonics Output Suppression: Better than 50dB below rated output.
- **Input and Output Impedances:**
 - nominal value: 50 Ohm unbalanced, UHF (SO239) type connectors;
 - input circuit: broadband, VSWR less than 1.3:1, 1.8-30MHz continuously (no tunings, no switching);
 - bypass path VSWR less than 1.1:1, 1.8-30MHz continuously;
 - output circuit matching capability: better than VSWR 3:1 (2:1 for 160m) or greater at reduced output levels; automated.
- **Automatic Tuning:**
 - Load Impedance Matching - less than 3 seconds;
 - Band Change - less than one second;
 - Segment Change - less than 0.2 seconds.
- RF Gain: 14.5dB, frequency response less than 0.5dB (50 to 60W drive power for rated output).
- ALC: grid-current derived, -11V max, rear panel adjustable.
- Primary Power: 90-132V (100 & 120V nominal taps, 10% tol.) and 180-264V (200, 220 & 240V nominal taps, 10% tol.), 50-60Hz, single phase, 3500VA consumption at rated output. In USA, 240v is strongly recommended.
- Complies CE safety and electromagnetic compatibility requirements, as well as FCC regulations
- Size & Weight (operating): W440mm x D500mm x H180mm, 36kg.
- Operating environments:
 - temperature range: 0...+50 degs.Celsius;
 - humidity: up to 95% @ +35 degs.Celsius.
 - altitude: up to 3000m above sea level without output deterioration.