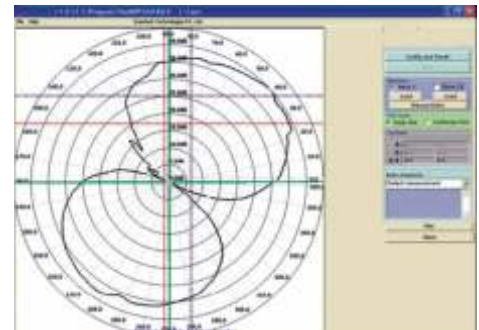


Technical Specifications

| | | |
|-------------------|---|--|
| RF Input | : | From Order Code - 10008 |
| Detector | : | Active with 5 pin DIN Connector |
| Antenna Rotation | : | 360° (Resolution 1.8°) |
| Power Supply | : | 230V ± 10%, 50/60 Hz |
| Power Consumption | : | 2 VA (approximately) |
| Dimensions (mm) | : | W 285 × D 390 × H 88 |
| Weight | : | 3 Kg (approximately) |
| Accessories | : | Mains Cord, 5 Pin DIN cable, Patch Cords, BNC-BNC Cable, RS232 Cable, Radiation Pattern Plotting Software |



Radiation Pattern for Yagi Antenna

Scope of Learning

- Polar plots & polarization
- Wave modulation & demodulation
- Antenna gain, Antenna beam width study
- Element current, Front-back ratio study
- Antenna matching
- Antenna radiation with distance

Features

- Microcontroller Based High Precision DC Stepper Motor
- Automatic Zero Point setting
- 4 Built-in DC Power Supply
- Instant Plotting of radiation Pattern
- Resolution 1.8°
- RS232 data link to PC
- Software running under Windows 98/ XP/ Window 7
- 2 Year Warranty

List of Accessories (Full Unit)

| | | | | |
|--|---|----------------|--|--|
| I. Antennas | : | 22 nos. | | |
| 1. Simple Dipole l / 2 | : | 1 no. | | |
| 2. Simple Dipole l / 4 | : | 1 no. | | |
| 3. Simple Dipole 3l / 2 | : | 1 no. | | |
| 4. Folded Dipole l / 2 | : | 1 no. | | |
| 5. Yagi-UDA Folded Dipole (3E) | : | 1 no. | | |
| 6. Yagi-UDA Folded Dipole (5E) | : | 1 no. | | |
| 7. Yagi-UDA Simple Dipole (5E) | : | 1 no. | | |
| 8. Yagi-UDA Simple Dipole (7E) | : | 1 no. | | |
| 9. Hertz Antenna | : | 1 no. | | |
| 10. Zeppelin Antenna | : | 1 no. | | |
| 11. l / 2 Phase Array | : | 1 no. | | |
| 12. l / 4 Phase Array | : | 1 no. | | |
| 13. Combined Co-linear Array | : | 1 no. | | |
| 14. Broad Side Array | : | 1 no. | | |
| 15. Log Periodic Antenna | : | 1 no. | | |
| 16. Cut Paraboloid Antenna | : | 1 no. | | |
| 17. Loop Antenna | : | 1 no. | | |
| 18. Rhombus Antenna | : | 1 no. | | |
| 19. Ground Plane | : | 1 no. | | |
| 20. Slot Antenna l / 2 | : | 1 no. | | |
| 21. Helix Antenna | : | 1 no. | | |
| 22. Detector Antenna | : | 1 no. | | |
| II. Rods for Ground Plane Antenna | : | | | |
| 1. 6.9cm | : | 1 no. | | |
| 2. 8.5cm | : | 1 no. | | |
| 3. 20.5cm | : | 1 no. | | |
| III. Current Probe | : | 1 no. | | |
| IV. Transmitting Mast | : | 1 no. | | |
| V. RF Detector | : | 1 no. | | |
| VI. Receiving Mast | : | 1 no. | | |
| VII. Accessories Kit : | | | | |
| 1. BNC - Tee | : | 1 no. | | |
| 2. BNC - BNC Adapter (M) | : | 1 no. | | |
| 3. BNC - BNC Adapter (F) | : | 1 no. | | |
| 4. BNC (M) - BNC (F) Adapter (L-type) | : | 1 no. | | |
| 5. BNC - BNC Cable 25" | : | 2 nos. | | |
| 6. BNC - BNC Cable 18" | : | 1 no. | | |
| 7. Aligner 932 | : | 1 no. | | |
| VIII. Polar Graphs (dBm) | : | 25 nos. | | |
| IX. Polar Graphs (For normalised reading) | : | 25 nos. | | |
| X. Antenna Fabrication Kit | | | | |
| 1. Two PCB's | : | 1 no. | | |
| 2. 14 SWG wire roll 20" | : | 1 no. | | |
| XI. Mains Cord | : | 1 no. | | |
| XII. VIP Suitcase | : | 1 no. | | |
| XIII. +7.5 - 9V DC Adaptor(500mA) | : | 1 no. | | |

Note: Specifications are subject to change.

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