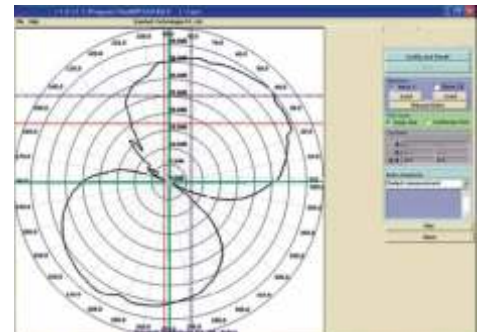


### Technical Specifications

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)

<b>I. Antennas</b>	:	<b>22 nos.</b>
1. Simple Dipole /2	:	1 no.
2. Simple Dipole /4	:	1 no.
3. Simple Dipole 3 /2	:	1 no.
4. Folded Dipole /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. /2 Phase Array	:	1 no.
12. /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 /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

### IV. Transmitting Mast

### V. RF Detector

### VI. Receiving Mast

### 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 (dBμA)

### IX. Polar Graphs

(For normalised reading)

### X. Antenna Fabrication Kit

1. Two PCB's	:	1 no.
2. 14 SWG wire roll 20"	:	1 no.

### XI. Mains Cord

### XII. VIP Suitcase

### XIII. +7.5 - 9V DC Adaptor(500mA)

:	:	1 no.
:	:	1 no.
:	:	1 no.

Note: Specifications are subject to change.

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