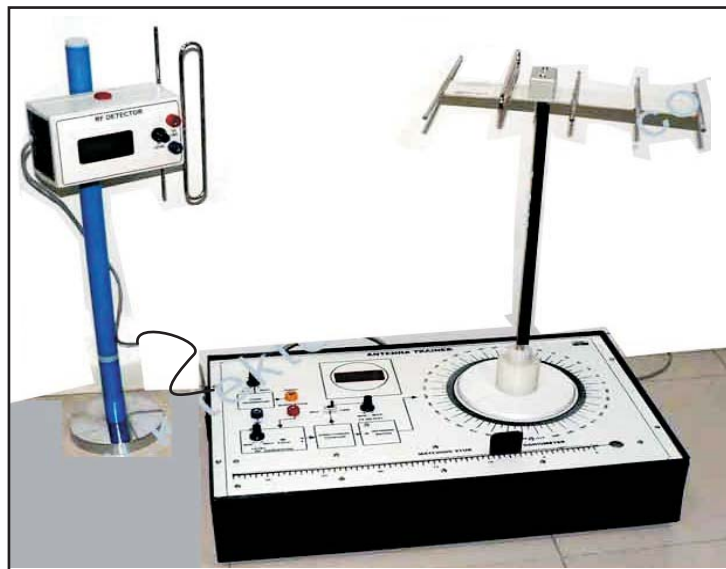


# ANTENNA SYSTEM TRAINER [MODEL : XPO-ANT]



## SALIENT FEATURES

- ◆ RF Generator : 600 MHz approx. (O/P adjustable)
- ◆ Tone Generator : 1 KHz approx. (O/P adjustable)
- ◆ Directional Coupler : Forward & Reverse (selectable)
- ◆ Matching Stub : Slider type
- ◆ Antenna Rotation : 0-360 deg. Resolution 1 deg.
- ◆ Receiving Antenna: Folded dipole with reflector
- ◆ Detector Display : Level adjustable meter

## TECHNICAL SPECIFICATIONS :

- |  |  |
|--|--|
| • Dipole $\lambda/2$                   | • Folded Dipole $\lambda/2$              |
| • Dipole $\lambda/4$                   | • Yagi UDA Folded Dipole (3 E)           |
| • Yagi UDA Dipole (7 E)                | • Yagi UDA Folded Dipole (5 E)           |
| • Yagi UDA Dipole (5 E)                | • Horizontal End Fed Hertz Antenna       |
| • Ground Plane Antenna                 | • Ground Plane with Reflector & Director |
| • Slot Antenna $\lambda/2$             | • Loop Antenna                           |
| • Helix Antenna                        | • $\lambda/2$ Phase Array                |
| • $\lambda/2$ Phase Array              | • Combined Collinear Array               |
| • Log Periodic Antenna                 | • Rhombus Antenna                        |
| • Broadside Array                      | • Current Probe                          |
| • Matching stub                        | • Mounting stands                        |
| • Radiation Pattern Plotting Software  | • 3 $\lambda/2$ Dipole Antenna           |
| • Operating manual & student work book |  |
| • Cut Paraboloid Reflector Antenna     | • Aligner                                |

## Experiments :

- |  |                    |
|--|--------------------|
| • Polar plots and Polarization               | • Antenna matching |
| • Antenna gain, Antenna beam width study     |                    |
| • Plotting Radiation patterns using software |                    |

**ANSHUMAN Tech Pvt Ltd.**

Specifications subject to change without notice

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