

- Wireless / Broadcast

ANTENNA TRAINER

ED-3200

- 16 different types of Antenna
- RF source generation : 500MHz, 2GHz and 10GHz
- Software simulation of radiation Patterns and characteristics of Antenna
- Antenna Directional Coupler (Manual / Remote)



> EXPERIMENTS

- Practice of assembling and installing various types of Antenna
- Practical experiments of vertical/horizontal directional characteristics
- Antenna's efficiency and gain calculation and measurement
- Interference experiments

> SPECIFICATIONS

ED-3200A MAIN CONTROLLER

- **RF Generator**
 - » Frequency Range : 500MHz, 2GHz, 10GHz
 - » Power Range : 10mW(Approx.)
 - » Output Impedance : 50Ω(Nominal)
 - » Modulation Frequency : 1kHz
- **Receiver & Control**
 - » RF Input Level : -50.0dBm~-10.0dBm
 - » Ant. Directional Control Range : 0°~ 360°
 - » Ant. Rotor Angle Control : 1°/step, 5°/step, 10°/step
Manual / PC Interface(RS-232C)

ED-3200B ANTENNA TRANSMIT UNIT

- Fixing(for polarized wave) : Horizontal / Vertical
- Ant. Directional Control : Manual

- Dimension : 300(W) x 800(H) x 270(D)mm
- Weight : 7.5kg

ED-3200C ANTENNA RECEIVE UNIT

- Fixing(for polarized wave) : Horizontal /Vertical
- Ant. Directional Control : Manual /PC interface(RS-232C)
- Dimension : 300(W) x 800(H) x 420(D)mm
- Weight : 9.5kg

ACCESSORIES

- AC Power Cord : 1ea
- Software CD : 1ea
- Manual : 1ea
- BNC Cable : 1ea
- Cable(4 types) : 1set

> EXPERIMENTAL MODULES (15EA)

RF FREQ.	TYPE OF ANTENNA	Q'ty	Serial No.
500MHz	Dipole	1ea	ANT-005DP
	Folded Dipole	1ea	ANT-005FP
	Yagi	2ea	ANT-005YG
	Monopole	1ea	ANT-005MP
	Drooping	1ea	ANT-005DR
	Circular Loop	1ea	ANT-005CL
	Square Loop	1ea	ANT-005SL
	Diamond Loop	1ea	ANT-005DL
2GHz	Dipole	2ea	ANT-020DP
	Spiral	1ea	ANT-020SP
	Monopole	1ea	ANT-020MP
10GHz	Helical	1ea	ANT-100HL
	Horn	2ea	ANT-100HR
	Rectangular Patch	1ea	ANT-100RP
	Microstrip Planar Array(Rectangular)	1ea	ANT-100PR
	Microstrip Planar Array(Circular)	1ea	ANT-100PC