



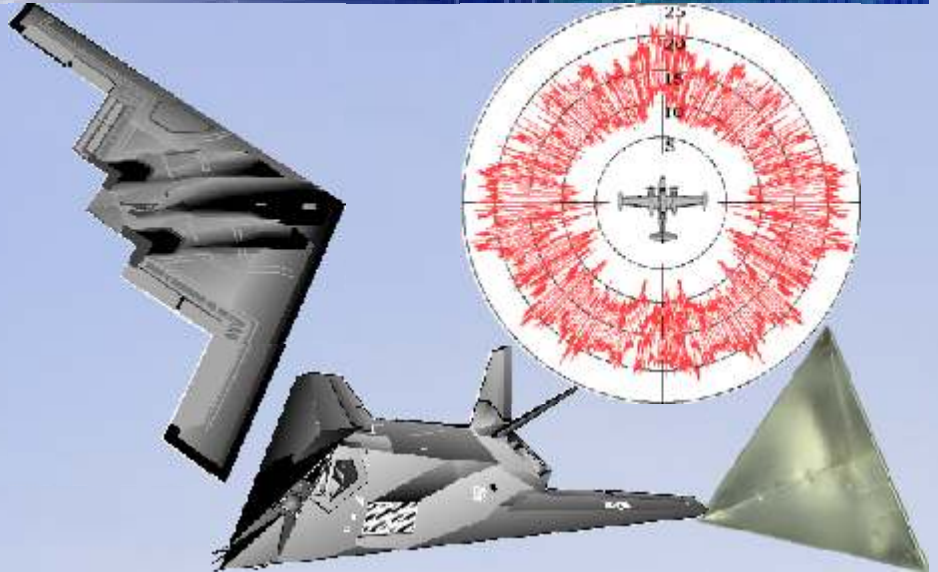
Amitec Radar Cross Section Trainer RCS24

Amitec Model RCS24 Radar cross section Trainer has been designed using the state of the art technology for testing of radar cross section of actual reduced scale targets.

The system includes a low RCS target support to achieve precise measurements when used in radar absorption range. This is a truly unique system that places real-time, safe, and unclassified EW demonstrations into the hands of students. It includes a jamming pod that is a target that can perform direct or modulated noise jamming. It includes a controller to select the type of jamming and set the jamming parameters. The jamming pod are designed for use with radar to implement real EW situations. This provides an effective means of introducing students to a real-time jamming situation that necessitates a ECCM to avoid losing target.

Amitec RCS24 Features:

- * K Band microwave operation
- * Very high sensitivity with low power
- * Safe operation Indoor
- * Accurate measurement
- * Very low leakage and harmonics



Amitec RCS24 Technical Specifications

Radar	:	K Band
Power	:	20 dBm EIRP
Capture threshold	:	-30dBsm
Target threshold	:	<25mm size
RCS/ISAR processor	:	10bits
Range	:	50 dB
Demodulation	:	Quadrature
Bandwidth	:	10 MHz
Jamming Pod	:	PRBS
Target rotator	:	360 degrees
Angular resolution	:	1 degree
Loading	:	1Kg
Target Size	:	< 500mm
Stealth accessories	:	RAM Cones, Sheets Paints, Blocks
Scale models	:	Apache Helicopter F117 stealth fighter, B2 Bomber
Reference targets	:	Corner reflector, Flat plate Cylinder Sphere - dielectric Sphere - Metallic
Software	:	Windows XP for measurement
Power Supply AC	:	220V ± 10% 50 Hz
Accessories	:	Mains Lead, etc

[E-Manual: Installation Video for ease of Learning](#)

Specifications are subject to upgrade due to constant innovation. Accessories shown in the photograph are not part of standard equipment.

Mfd by: Amitec Electronics Ltd.
 Regd. Off: 504, Nilgiri, Barakhamba Road, New Delhi-110001
 Works: 4/32, Site-4, Industrial Estate Sahibabad, UP-201010
 amitec@rediffmail.com, www.amitec.co.in
 91-120-4371276, 91-9811839949, 91-9810193153

