

Product Name :
Radar Trainer

Product Code :
RT100



Description :

Radar Trainer - Analogue Radar Systems: Continuous wave: FM and Pulsed. Digital Radar System. Tracking Systems: Active locating and tracking. Radar Cross Section (RCS) measurement and Inverse Synthetic Aperture Radar Imagery. Electronically Steered radar antennas: Phased Array Antenna. Electronic injection, and elimination thereof, of noise and clutter. Active jamming: noise, frequency. Surveillance processor. Programmable target table with chaff cloud simulator. Different targets providing different RCS. Scalable maximum target range up to 6m. Software: working seamlessly with the Instrumentation for monitoring and control, Display modes in: A-scope, Plan Position Indicator (PPI), Moving Target Indicator (MTI) (with fixed target cancellation), and Moving Target Detection (MTD). Compatible with Windows 7 (x32). Virtual Instrumentation. Should also incorporate signal processing in radar system and radar surveillance.

Power Supply: 240V, 50-Hz, power cable with 3-pin plug (BS 1363).

Accessories: Any special power supplies, cabling or other essential components should also be provided.

Detailed training/experiment manuals (for the instructors and the students) in English.

The system should also provide for fault insertion and test points. The connectors/system should have protection against incorrect insertion

Technical Specification :

Radar Trainer

Naugra Export

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