

Data Sheet

# VI.AVI

## IFR6000-EMB

Transponder/DME/TCAS Flight Line Test Set  
(Embraer Configuration)

Test modes A/C/S, 1090 MHz ADS-B and  
978 MHz UAT, TCAS I and II, and DME.

The VI.AVI IFR6000 is an industry standard flight line test set that allows for fast, reliable, and functional testing of installed avionics systems. Referenced in many OEM manuals and supported with procedures, the IFR6000 provides the operator with the confidence necessary for performance testing.



### Features

- Transponder Auto Test (DO-181E)
- Automated ADS-B performance testing and reporting
- Monitor and decode:
  - ADS-B (DO-260A/B)
  - AC 20-165B surface/air auto test
  - UAT
- Target generator
  - ADS-B 1090 MHz (DO-260A/B surface and air)
  - UAT 978 MHz (ADS-B, TIS-B, FIS-B)
- Comprehensive GICB test
- DME ground station simulation
- UUT parametric tests
- User programmable TCAS scenarios
- Altitude encoder
- Over-the-air, direct, or coupled testing
- Battery operation six hours plus

### Benefits

- Provides a full FAR Part 43, Appendix F test
- Verification of ADS-B/UAT installed systems
- Avoid ATC interference with optional coupler
- Data dump of transponder test results to PC
- Software updates available via website

