IFR 6000
Transponder/DME Ramp Test Set

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

The most important thing we build is trust
IFR 6000
Features an extremely easy to use interface where every parameter the user commonly needs to view is displayed on screen.

Features
- Individual test modes: Mode S, ATCRBS Transponder, DME, TCAS, TIS, ADS-B MON/ADS-B GEN (DO-260A/B), 978MHz UAT
- Large keys for gloved operation
- Simple user interface
- Lightweight and compact at 8 lbs.
- Battery operation 6 hours plus between charges
- Fully FAR part 43 appendix F compliant
- Transponder Auto-Test
- Data dump of transponder test results to PC
- Elementary and Enhanced Surveillance parameters (DAPs)
- Transponder level automatically determined and capability checked to avoid nuisance Auto-Test failures
- Comprehensive GICB test
- Configuration files for different classes of transponder

Applications
- Comprehensively tests any DME channel including track sensitivity
- User selectable TCAS scenarios
- TCAS fast scenario feature uses Auto Altitude and Converge to ensure automatic collision at zero range
- Over-the-air or direct-connect operation
- Parametric measurements including TX power and frequency
- USB flash drive software update via web site download
- Optional ADS-B capabilities are DO-260A/B compliant
- Optional TCAS and 978 MHz UAT capability
- Optional testing using UC-584 Coupler

VERSIONS, OPTIONS AND ACCESSORIES

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<th>Order Number</th>
<th>Description</th>
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<tr>
<td>72422</td>
<td>IFR6000 Mode A/C/S Transponder and DME Ramp Test Set NSN: 6625-01-069-5582</td>
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</tbody>
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Environmental Use: Pollution Degree 2
Altitude: ≤4800 meters
Operating Temp: -20°C to 55°C
Storage Temp: -30°C to 71°C
Relative Humidity: 95% (±5%) from 5°C to 30°C
75% (±5%) from 30°C to 40°C
45% (±5%) from 40°C to 55°C

Test Set Certifications
- MIL-PRF-28800F, Class 2
- MIL-STD-810F
- UL
- EN
- CE

For complete certification list, see Product Specification Sheet

VERSUS, OPTIONS AND ACCESSORIES

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<tr>
<td>63665</td>
<td>Desk Top Stand</td>
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<tr>
<td>67474</td>
<td>Tripod</td>
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<tr>
<td>82553</td>
<td>Tripod, Dolly Stand</td>
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<tr>
<td>62642</td>
<td>25 ft TNC/TNC COAX</td>
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<tr>
<td>86336</td>
<td>50 ft TNC/TNC COAX</td>
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<tr>
<td>86931</td>
<td>UC-S84 Universal Transponder Antenna Coupler</td>
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<tr>
<td>112349</td>
<td>UC-S84 Coupler Kit, dual antenna</td>
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<tr>
<td>112350</td>
<td>UC-S84 Coupler Kit, single antenna</td>
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<td>6095</td>
<td>IFR 6000 Maintenance Manual - CD</td>
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Optional Accessories

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