

Product Brief

# VIAVI

## AVX-10K

### Flight Line Test Set

Performance verification testing of critical airborne systems from a single device.

The AVX-10K is a comprehensive flight line test solution providing today's Avionics Technician with an easy to use instrument for many maintenance needs. From a quick airborne system auto-test to an in-depth troubleshooting tool, testing can conveniently be done around the aircraft or in the cockpit using your mobile device. Easy set-up, quick testing and reporting transferable via USB, Ethernet and wireless all done from a easy user interface, or the VIAVI Solutions Mobile Tech App on your mobile device.



#### Features

- Configurable test capability
- Harmonized test specifications
- Software defined applications
- Remote operation
- Target aircraft identification
- Guided Test
- Android™ and iOS® compatible
- Built-in GPS receiver

#### Benefits

- Purchase only what you need
- Compliant with global regulatory requirements
- Allows for future applications
- Convenient testing from the cockpit with your remote device
- Selectable UUT via tail number
- Configurable testing
- Recall saved test sequences for future use
- Provides accurate positional data for ADS-B testing

## Ordering Information (■=Standard Item ●=Optional Item)

| Catalog Number   | Item Description                      | AVX-10K-FLTS | AVX-10K-NAV | AVX-10K-CNS |
|------------------|---------------------------------------|--------------|-------------|-------------|
| AVX-10K          | AVX-10K Unit                          | ■            | ■           | ■           |
| AC10K-PWRADPTR   | AC/DC Power Adapter                   | ■            | ■           | ■           |
| AC10K-HANDSTRAP  | Hand Strap                            | ■            | ■           | ■           |
| AC10K-OPSMNL     | Manual, Operations                    | ■            | ■           | ■           |
| AC10K-QSGUIDE    | Manual, Quick Start                   | ■            | ■           | ■           |
| AC10K-TRANCASE   | Carrying Case, Hard Transit           | ●            | ■           | ■           |
| AC10K-ADPTRKIT   | Adapter Kit Short/Load                |              | ■           | ■           |
| AC10K-ANT-ILS    | Antenna, 118MHz - 174 MHz Telescoping | ●            | ■           | ■           |
| AC10K-ANT-MB     | Antenna, 75MHz                        | ●            | ■           | ■           |
| AC10K-ANT-FPANT  | Antenna, RF Flat Panel w/1' Cable     | ●            |             | ■           |
| UC-584           | Coupler, UC-584 w/12' Cable           | ●            |             | ■           |
| UC-584S          | Coupler, UC-584S w/25' Cable          | ●            |             | ■           |
| Software Options | Select Test Capability                |              |             |             |
| AVX-10K-SXPDR    | Transponder Modes A, C, S             | ●            |             | ■           |
| AVX-10K-SADSB    | ADS-B In / Out / GICB                 | ●            |             | ■           |
| AVX-10K-STCAS    | TCAS                                  | ●            |             | ●           |
| AVX-10K-SUAT     | UAT In/Out                            | ●            |             | ●           |
| AVX-10K-SNAV     | Navigation (ILS / MB / VOR / DME)     | ●            | ●           | ■           |
| AVX-10K-SELT     | ELT 121.5 / 243 / 406MHz              | ●            | ●           | ●           |
| AVX-10K-SCOM     | Radio Test Analog/Digital (COMMs)     | ●            | ●           | ■           |

### Additional Accessories

|                     |   |
|---------------------|---|
| AC10K-PWRCRD-US/CAN | AC Power Cord - US / Canada                               |
| AC10K-PWRCRD-EU     | AC Power Cord - Continental Europe                        |
| AC10K-PWRCRD-AUSNZ  | AC Power Cord - Australia / New Zealand                   |
| AC10K-PWRCRD-INDIA  | AC Power Cord - India                                     |
| AC10K-PWRCRD-UK/IRE | AC Power Cord - UK / Ireland                              |
| AC10K-PWRCRD-SWITZ  | AC Power Cord - Switzerland                               |
| AC10K-ANTBRKT       | Required to use your current IFR6000 1030/1090 RF Antenna |
| AC10K-CC            | Soft Side Carrying Case                                   |
| AC10K-BATTERY       | Internal Battery, Lithium Ion 7.3V 13Ah                   |
| AC10K-Cbl12ft       | Cable, Coax 12'   |
| 141131              | Cable, Coax 25'   |
| 142839              | Cable, Coax 50'   |
| 140889              | TC-201A TCAS/XPDR Directional Antenna Coupler             |
| 90106               | UC-584S Coupler Placement Pole                            |

### Physical Characteristics

|                   |  |
|-------------------|--|
| Test Set          | 12"H x 5.3"W x 3.75"D<br>30.48 cm x 13.5 cm x 9.5 cm                   |
| Transit Case Size | 24.5"H x 19.3"W x 22.2"D<br>62.23 cm x 49.2 cm x 31 cm                 |
| Weight            | 6.5 lbs. (2.94 kg) test set only<br>32 lbs. (14.51 kg) shipping weight |
| Battery           | 4 hours of operation   |
| Power             | 100 - 250 VAC, 1.5 A max, 47-63hz                                      |

### Environmental

|                |                                  |
|----------------|----------------------------------|
| Operating Temp | -20° to 55° C (-4° to 131° F)    |
| Storage Temp   | -30° to 71° C (-22° to 159.8° F) |

### General Specification

#### Extended Warranty (2 year standard)

|            |   |
|------------|---|
| AVX-10K-W1 | AVX-10K 1 Year Ext Wnty w/Scheduled Cal |
| AVX-10K-W3 | AVX-10K 3 Year Ext Wnty w/Scheduled Cal |



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