

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 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 62.23 cm x 49.2 cm x 31 cm
Weight	6.5 lbs. (2.94 kg) test set only 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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