

ASI-2000 and ASI-200-X

ASI Test System

The ASI Test System is a computer aided, modular system capable of testing a large variety of avionics equipment. Equipment tested includes the Collins Pro Line series, King Gold Crown series, and ARINC standard avionics units.

The heart of the ASI Test System is the ASI-2000 Mainframe which provides power, test points and computer interface. The ASI-2000 will interface to an Apple IIe or a PC (AT compatible or above) computer. Use of the PC requires an ASI-401 interface panel. Computer cards required for testing are listed below (see ASI-401 catalog page for more information concerning use of the interface panel and a PC compatible computer).

Apple IIe Cards:	Mfg Part Number	ASI-200-X Plug-In to be used with ASI-2000
Collins Pro line II Card	653-1154-001	ASI-200-1/2()/3/4/5/6/10/11/12/13/14/15/17A/18/19/28
JcAir 429 Card	200-5099-00	ASI-200-10/11/12/13/14/17A/18/19
King Sync Card	200-7164-00 or 050-2606-00	ASI-200-7/16
King Async Card	200-7157-00 or 050-2605-00	ASI-200-7/16
Computer not required		ASI-200-8/9/20/21/22/23/24/25/26
PC Compatible Card:	Mfg Part Number	ASI-200-X Plug-In to be used with ASI-2000
Collins CTC-429 Card	822-0854-001	ASI-200-1/2()/3/4/5/6/10/11/12/13/14/15/17A/18/19/27

The ASI-200-X series of plug-in adapters provides interface from the ASI-2000 to the various types of uut (unit under test). The entire line of ASI-200-X Plug-Ins are listed below along with the units tested by the plug-in (see individual catalog page for more information).

ASI-200-1	Collins CTL-22,23,32,62,92	ASI-200-13	Collins DME-442
ASI-200-2A	Collins VIR-30,31,32	ASI-200-14	Collins TDR-90,CAD-870G
ASI-200-2B	Collins VIR-30,31,32	ASI-200-15	Collins DDA-42
ASI-200-2C	Collins VIR-30,31,32	ASI-200-16	King KDM-706A
ASI-200-2D	Collins VIR-30,31,32	ASI-200-17A	Collins RTU-870A,RTU-870T
ASI-200-3	Collins VHF-20,21,22	ASI-200-18	Collins CAD-870,RAC-870
ASI-200-4	Collins CAD-31,62	ASI-200-19	Collins BIA-32
ASI-200-5	Collins DME-40,40A,42	ASI-200-20	Collins ALT-50A,55B,860F-2
ASI-200-5A-1	DME-Simulator Card	ASI-200-21	Collins CTL-20,21,30,31,60,61,90,91
ASI-200-6	Collins CTL-230	ASI-200-22	Collins BRG-40
ASI-200-7	King KFS	ASI-200-23	ARINC Glide Slope
ASI-200-8	ARINC COM	ASI-200-24	ARINC DME
ASI-200-9	ARINC NAV	ASI-200-25	ARINC Transponder
ASI-200-10	Collins ADF-60,60A,60B,462	ASI-200-26	ARINC Marker Beacon
ASI-200-11	Collins VHF-422	ASI-200-27	Collins CTL-92T (PC Computer only)
ASI-200-12	Collins VIR-432	ASI-200-28	ASI-2000 / Proline II Card

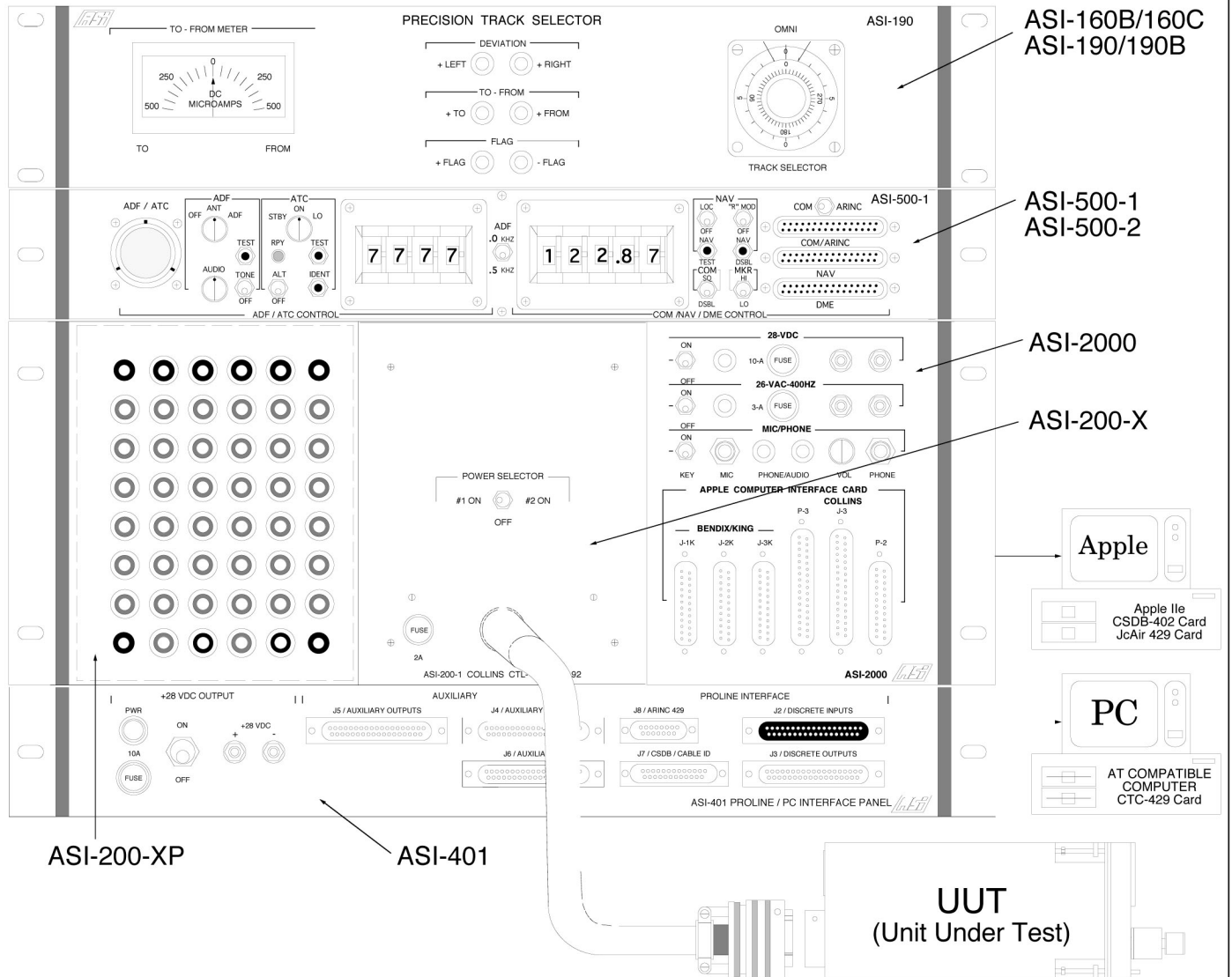
ASI also manufactures a large variety of optional cables and equipment for special test needs or requirements (see the optional equipment area on each individual catalog page for more information on these accessories).

Reconditioned Apple IIe Computers, configured for avionics testing, and computer accessories can be purchased from ASI (see ASI-2000 Compatible Computer catalog page). King cards must be purchased directly from King. PC compatible computers must be purchased from the user's local dealer. The PC compatible computer requirements are listed below.

Minimum Computer Requirements:
 ISA-BUS (AT) Computer (8 MHz 286 CPU)
 640 KB RAM / VGA video
 40 MB hard drive / 3.5" 1.44 MB disk drive
 1 parallel port / 3 empty full size ISA slots
 MS-DOS version 3.3

Recommended Computer Requirements:
 VESA LOCAL BUS Computer (66 MHz 486DX CPU)
 1 MB RAM (expandable to 16 MB) / SVGA video
 200 MB hard drive / 3.5" 1.44 MB disk drive
 1 parallel port / 5 empty full size ISA slots
 MS-DOS version 6.2 or newer

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ASI Model	Description	Equipment Function
ASI-2000	Test System Mainframe	Provides Power, Test Points, and Computer Interface.
ASI-200-X	Plug-In Adapters	Provides Switching and Interconnects UUT to Mainframe.
ASI-200-XP	Test Point Overlay	Labels Test Points for Specific UUT (Supplied with ASI-200-X).
ASI-401	Pro Line / PC Interface	Interfaces ASI-2000 to PC Compatible Computer.
ASI-160/190	Precision Track Selector	Supplies Heading / Track Selector and Meter Monitoring.
ASI-500-1	Control Head Simulator	Simulates Various Control Heads.