

OFFERS PRE-CONFIGURED CORE TEST SETS

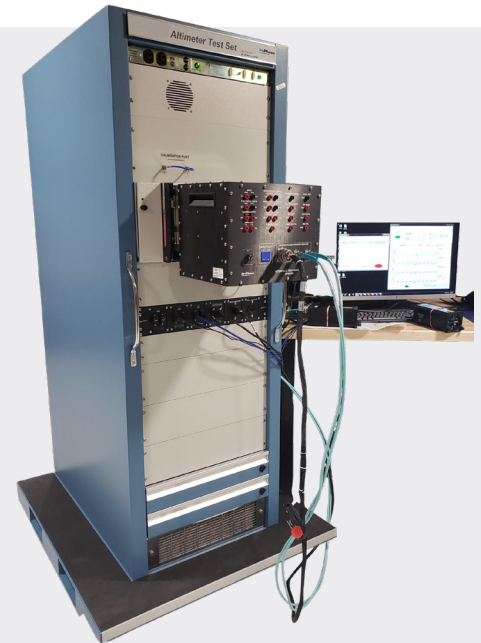
Cut your test set development time in half with an In-Phase Core Test Set

SAVE:

- Development **TIME**
- Development **COST**
- Manufacturing **TIME**
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- Documentation **TIME**
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GAIN:

- Completely designed Core Test Set to use across your entire enterprise
- Fully documented, obsolescent resistant, test system
- Reusable system that morphs to meet your future needs



WHAT IS IT?

An In-Phase Core Test Set provides you with a solid foundation and hardware framework to build your test set. Our pre-engineered Core Test Sets provide a completely integrated test set including:

- A Set of COTS test equipment enclosed in an equipment enclosure with power and wire management systems, proper air flow and cooling
- High density interface with pre-defined signal pins
- LabVIEW instrument drivers designed for hardware abstraction

This comes with a complete documentation package for importing into your company's configuration-controlled system.

All you need to do is design and manufacture your Interface Test Adapter (ITA)- the interface to your Unit Under Test. Then write your test measurement routines using our instrument calls from our supplied hardware abstraction layer driver library.



HOW DOES IT WORK?

Simply choose one of our Core Test Set designs. Choose your measurement needs and frequencies/dynamic ranges. Choose an enclosure type (benchtop/half rack or full rack) Order your system and immediately receive a high density pin map for your ITA design, or simply use our engineering team to design and manufacture it for you. Receive our instrument driver calls and start to develop your test. **WHAT TYPE OF CORE TEST SYSTEMS ARE AVAILABLE?**



We have a **CORE** test set ready to meet your needs. We offer five Basic Core Test Set configurations

DIGITAL/ANALOG Core test set for testing: Avionics products, power supplies, LCR measurements, low frequency (<1GHz) boards), electronic loads, and much more.

Full **TRANSCIVER** Core Test Set for testing radios (digital or analog), radars, altimeters, frequency translators, and their components.

AMPLIFIER Core Test Set for testing high power amplifiers, low noise amplifiers, medium power amplifiers, gain blocks, and more.

TRANSMITTER Core Test Set for testing all types of transmitters from analog to digital modulation.

RECEIVER Core Test Set for testing all types of receivers, including analog and digital modulation.

CORE SYSTEMS TEST EQUIPMENT

ITA & Unit Under Test	Function	Analog/Digital	Transceiver	Amplifier	Transmitter	Receiver
	Part Number	1342649	1342650	1342651	1342652	1342653
STIMULUS ←	ANALOG I/O CARDS	VECTOR SIGNAL GEN				VECTOR SIGNAL GEN
	DIGITAL I/O CARDS	ANALOG SIG. GEN				
	VARIABLE PS	HIGH SPEED D/A				HIGH SPEED D/A
	VIDEO GEN CARDS	AR. WAV. GEN				
	FUNCTION GEN	FPGA			FPGA	
	SOURCE METER	VNA CAL MODULE				
RESPONSE →	DMM					
	O-SCOPE/A-D CARD	SPECTRUM ANALYZER				
	HIGH SPEED DIGITIZER	HIGH SPEED A-D				
	AUDIO ANALYZER	HIGH SPEED D/A				
	SOURCE METER	VECTOR NETWORK ANALYZER				
POWER ←	TIMING & SYNC.					
	VARIABLE DC PS					
	VARIABLE AC PS					
	UPS PDU W/ESTOP					
SWITCHING ↔	ANALOG MUX					
					RF/MUX	