




SSP Functional Test Platform Rack Configuration Options

Standard configuration options are listed below.

If the instruments you need are not listed, we can do any combination of configuration and/or customization to meet your requirements.					
Test Racks		8U Desktop Rack	18U Compact Rack	32U Midsize Rack	42U Large Rack
PDU and EPO	Power Distribution Unit and Emergency Power Off Options				
	Marway, EPO, 120V 12A 50/60HZ 1U	X	X	X	X
UPS	Uninterruptable Power Supply Options				
	Selection based on customer requirements		X	X	X
Mass Interconnect Method from Rack to Fixture	Connection Options - Select One Based on Rack Size				
	Cables Connect Rack to Fixture	X	X	X	X
	Virginia Panel Table Mount Receiver, G12 series		X		
	Virginia Panel Rack Mount Receiver, G12 series (12 modules)			X	X
	Virginia Panel Rack Mount Receiver, G12x series (18 modules)			X	X
	Virginia Panel High Speed Comm Option		X	X	X
Measurement Mainframes and Modules	Rigol Measurement Mainframe Options				
	Rigol M300 without DMM and with 5 spare slots	X	X	X	X
	Rigol M300 Series 6.5 digits MC3065 DMM module and 4 spare slots	X	X	X	X
	Rigol Measurement Mainframe Module Options				
	Rigol MC3120, Multiplexer, 20 Channel, 2 or 4 Wire, Wire	X	X	X	X
	Rigol MC3132, Multiplexer, 32 Channel, 2 or 4 Wire, Wire	X	X	X	X
	Rigol MC3164, Multiplexer, 64 Channel, Wire	X	X	X	X
	Rigol MC3324, Multiplexer, 20 Chan + 4 Current, Wire	X	X	X	X
	Rigol MC3416, 16 Channel Actuator (SPDT), Wire	X	X	X	X
	Rigol MC3468, Matrix Switch 4x8, Wire	X	X	X	X
	Rigol MC3534, Multifunction, DIO 32, Totalizer 4, DAC, Wire	X	X	X	X
	Keysight Measurement Mainframe Options				
	Keysight 34980A with built-in 6.5 digit DMM and 8 spare slots	X	X	X	X
	Keysight Measurement Options - Select up to 8				
	Keysight 34921A, Multiplexer, 40 Chan, Armature	X	X	X	X
	Keysight 34923A, Multiplexer, 40/80 Chan, Reed	X	X	X	X
	Keysight 34925A, Multiplexer, 40/80 Chan, Isolated FET	X	X	X	X
	Keysight 34922A, Multiplexer, 70 Chan, Armature	X	X	X	X
	Keysight 34924A, Multiplexer, 70 Chan, Reed	X	X	X	X
	Keysight 34931A, Dual 4X8 Armature Matrix	X	X	X	X
	Keysight 34932A, Dual 4X16 Armature Matrix	X	X	X	X
	Keysight 34933A, Dual/Quad 4X8 Reed Matrix	X	X	X	X
	Keysight 34934A, Quad 4X32 Reed Matrix	X	X	X	X
	Keysight 34937A, 32 Chan Form C/Form A GP Switch	X	X	X	X
	Keysight 34938A, 20 Chan Form A, 5 Amp Switch	X	X	X	X
	Keysight 34939A, 64 Chan Form A Switch	X	X	X	X

	Keysight 34950A, 64 Bit Digital I/O with Memory	X	X	X	X
	Keysight 34951A, 4 Channel Isolated D to A	X	X	X	X
	and/or Keysight 34952A Multifunction Module, 32 DIO, D/A	X	X	X	X
	More Keysight modules are available including RF switching and GPIO.				
Power Supplies	Rigol Power Supply Options				
	Rigol DP811A Series, 1 CH, 20V/10A OR 40V/5A	X	X	X	X
	Rigol DP813A Series, 1 CH, 8V/20A OR 20V/10A	X	X	X	X
	Rigol DP821A Series, 2CH, 60V/1A and 8V/10A	X	X	X	X
	Rigol DP822A Series, 2 CH, 20V/5A and 5V/16A	X	X	X	X
	Rigol DP831A Series, 3CH, 8V/5A and 30V/2A and -30V/2A	X	X	X	X
	Rigol DP832A, 3CH, 30V/3A and 30V/3A and 5V/3A	X	X	X	X
	Keysight Power Supply Mainframe Options				
	Keysight N6700C Mainframe with 4 slots for 400W total output	X	X	X	X
	Keysight Power, SMU and ELoad Modules - Select up to 4	X	X	X	X
	Keysight N6741B Power Module, 5V, 20A, DC, 100W	X	X	X	X
	Keysight N6742B Power Module, 8V, 12.5A, DC, 100W	X	X	X	X
	Keysight N6743B Power Module, 20V, 5A, DC, 100W	X	X	X	X
	Keysight N6744B Power Module, 35V, 3A, DC, 100W	X	X	X	X
	Keysight N6745B Power Module, 60V, 1.6A, DC, 100W	X	X	X	X
	Keysight N6746B Power Module, 100V, 1A, DC, 100W	X	X	X	X
	More Keysight power modules are available.				
Oscilloscopes	Rigol Oscilloscope Options				
	Rigol MSO5104 100 MHz, 2 Ch, 5U		X	X	X
	Keysight Oscilloscope Options				
Waveform Generator	Keysight DSOX2014A, 100MHz, 4 Ch, 5U		X	X	X
	Rigol Waveform Generator Options				
	Rigol DG1022Z, Arbitrary Waveform Generator, 25MHz, 2 Ch, 2U	X	X	X	X
	Rigol DG1032Z, Arbitrary Waveform Generator, 25MHz, 2 Ch, 2U	X	X	X	X
	Rigol DG5072, Arbitrary Waveform Generator, 70 MHz, 2 Ch, 3U	X	X	X	X
	Keysight Signal Generator Options				
	Keysight 33520B Waveform Generator, 30MHz, 2 Ch, 2U	X	X	X	X
Spectrum Analyzer	Keysight 33612A Arbitrary Waveform Generator, 80 MHz, 2 Ch, 2U	X	X	X	X
	Keysight 33622A Arbitrary Waveform Generator, 120 MHz, 2 Ch, 2U	X	X	X	X
	Rigol Spectrum Analyzer Options				
	Rigol DSA875-TG Spectrum Analyzer 7.5GHz, 1 Ch, 4U		X	X	X
	Keysight Spectrum Analyzer Options				
	Keysight N9322C Spectrum Analyzer 7GHz, 2 Ch, 3U		X	X	X

About Solution Sources Programming, Inc.

Solution Sources Programming, Inc., a global test development leader, provides test & measurement solutions to OEMs and CMs.

Our services specialize in designing and implementing turnkey test solutions throughout the printed circuit board (PCB) and mechanical product lifecycle. With deep expertise in Design for Test (DFT), Boundary Scan Test, In-Circuit Test (ICT), and Functional Test & System Integration, SSP offers test solutions starting at a product's earliest design phases to production. SSP is a trusted partner for technology companies racing to bring their hardware product to market.

Our goal is providing quality and high performing test solutions for companies across multiple industries and sizes.



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