

Precision Test Fixtures



Surface Mount Components

The SMD-A and -B precision fixtures are designed for testing all types of passive SMD components with body sizes from 0603 to 1812 at frequencies from DC to 1 GHz. Their unique design minimizes stray capacitance and residual inductance. A spring loaded clamp seats components firmly for accurate, consistent readings. Models are available for attachment to all popular meters.



High Frequency L Metering

The SMD-D fixture allows L, Z and SRF testing of surface mount inductors at frequencies from DC to 3 GHz. The SMD-D accommodates body sizes from 0603 to 1812. It's a 2-port 50 Ohm device that connects to any network analyzer with 3.5 mm/SMA port connectors.



Axial Lead Components

The AXL-A precision test fixture is particularly well suited for testing tight tolerance RF fixed inductors. Built to the same exacting specifications as our surface mount fixtures, it assures accurate, repeatable measurements with most popular meters.



Radial Lead Components

The RDL-A test fixture measures L, Q and SRF of radial lead components. The fixture is a one-port measurement device with a 7 mm connector that can accommodate 5, 7 and 10 mm components. This fixture is particularly well suited to measure Coilcraft's Unicoil and slot bobbin molded inductors.


Coilcraft

Specifications subject to change without notice. Document 126-1 Revised 5/19/99

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TEST FIXTURE COMPATIBILITY CHART

INSTRUMENT	FIXTURE				
	SMD-A	SMD-B	SMD-D	AXL-A	RDL-A
Precision 7 mm					
4 terminal BNC					
Precision 3.5 mm/SMA, 2 port					
HP 4191A					
HP 4192A	1			1	1
HP 4194A	1			1	1
HP 4195A	2			2	2
HP 4274A	1			1	1
HP 4291A					
HP 4775	1			1	1
HP 4776	1			1	1
HP 4277	1			1	1
HP 4278	1			1	1
HP 4279	1			1	1
HP 4284A	1			1	1
HP 4286					
HP 8753					
Wayne Kerr 3240		4			
Wayne Kerr 3245		4			
Wayne Kerr 4210		5			
Wayne Kerr 4210S		4			
Wayne Kerr 4220		3			
Wayne Kerr 4225		3			
Wayne Kerr 4250		4			
Wayne Kerr 6425		4			
Wayne Kerr 7010		4			
GenRad 1657		5			
GenRad 1659		5			
GenRad 1687B		5			
GenRad 1689		5			
GenRad 1689M					
GenRad 1692		5			
GenRad 1693					
ESI 252/253/254		6			
ESI 295		7			
ESI 296/410A		7			
ESI 2150/2160		8			
ESI 2522B		7			

 Connects directly to your instrument

- 1 With HP 16085A adapter
- 2 With HP 41951A adapter
- 3 With Wayne Kerr 1050 cable kit
- 4 With Wayne Kerr 1055 cable kit

- 5 With GenRad 1689-9601 BNC adapter and user male-female BNC adapter
- 6 With ESI 43586 cable set
- 7 With ESI 59279 cable set
- 8 With ESI 53155 cable set

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