

# Precision Test Fixtures



## Surface Mount Components

The SMD-A, -B, -F and -G precision fixtures are designed for testing passive SMD components with body sizes from 0402 to 1812 at frequencies from DC to 1.8 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 6 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 ensures accurate, repeatable measurements with most popular meters.



## Radial Lead Components

The RDL-A test fixture measures L, Q and SRF of radial leaded 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.

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Specifications subject to change without notice.

Please check our website for latest information. Document 126-1 Revised 07/17/08

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# Test Fixture Compatibility Chart

INSTRUMENT	FIXTURE (Part size)						
	SMD-A (0603-1812)	SMD-B (1008-1812)	SMD-D (0603-1812)	SMD-F (0402)	SMD-G (0603-0805)	AXL-A	RDL-A
Precision 7 mm							
4 terminal BNC							
Precision 3.5 mm/SMA (Note 1)							
Precision 3.5 mm/SMA (Note 2)							
Agilent/HP 4191A							
Agilent/HP 4192A	1			1		1	1
Agilent/HP 4194A	1			1		1	1
Agilent/HP 4195A	2			2		2	2
Agilent/HP 4263A	1			1		1	1
Agilent/HP 4263B	1			1		1	1
Agilent/HP 4274A	1			1		1	1
Agilent/HP 4291A							
Agilent/HP 4291B							
Agilent/HP 4775	1			1		1	1
Agilent/HP 4776	1			1		1	1
Agilent/HP 4277	1			1		1	1
Agilent/HP 4278	1			1		1	1
Agilent/HP 4279	1			1		1	1
Agilent/HP 4284A	1			1		1	1
Agilent/HP 4285A	1			1		1	1
Agilent/HP 4286A				12			
Agilent/HP 4287A							
Agilent/HP E4991A							
Agilent/HP 4294A	3			3		3	3
Agilent/HP 4395A	4			4		4	4
Agilent/HP 4396A	4			4		4	4
Agilent/HP E5100			5				
Agilent/HP 8712/14							
Agilent/HP 8753							
Wayne Kerr 3240		6			6		
Wayne Kerr 3245		6			6		
Wayne Kerr 4210		7			7		
Wayne Kerr 4210S		6			6		
Wayne Kerr 4220		8			8		
Wayne Kerr 4225		8			8		
Wayne Kerr 4250		6			6		
Wayne Kerr 6425		6			6		
Wayne Kerr 7010		6			6		
GenRad 1657		7			7		
GenRad 1659		7			7		
GenRad 1687B		7			7		
GenRad 1689		7			7		
GenRad 1689M							
GenRad 1692		7			7		
GenRad 1693							
ESI 252/253/254		9			9		
ESI 295		10			10		
ESI 296/410A		10			10		
ESI 2150/2160		11			11		
ESI 2522B		10			10		

Notes: 1. Connects with 7mm adapters included in Fixture Kit.

2. Twoport.

 Connects directly to your instrument

 Connects to your instrument using specified adapter

1. With Agilent/HP 16085A adapter

2. With Agilent/HP 41951A adapter

3. With Agilent/HP 42942A adapter

4. With Agilent/HP 43961A adapter

5. With Agilent/HP E5090A Test Port Adapter

6. With Wayne Kerr 1055 cable kit

7. With GenRad 1689-9601 BNC adapter and user supplied male-female BNC adapter

8. With Wayne Kerr 1050 cable kit

9. With ESI 43586 cable set

10. With ESI 59279 cable set

11. With ESI 53155 cable set

12. With Coilcraft 4286-ADAPT adapter

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