

**Comparison of Smart Tweezers ST5, LCR-Reader LCR-R1,  
Tesla BM591 and MIC-4070D LCR-meters**

<b>Resistance</b>	<b>ST5</b>	<b>LCR-R1</b>	<b>BM591</b>	<b>MIC-4090D</b>	<b>Mean</b>
<b>R</b>	1.068	1.071	1.046	1.042	1.05675
	8.903	8.893	8.83	8.84	8.8665
	96.07	96.24	96	95.8	96.0275
	462.3	464.2	463	462	462.875
<b>K</b>	11.46	11.45	11.45	11.45	11.4525
	47.24	47.15	47.2	47.1	47.1725
	290.7	289.9	290	288	289.65
<b>M</b>	1.019	1.02	1.018	1.032	1.02225
<b>Capacitance</b>	<b>ST5</b>	<b>LCR-R1</b>	<b>BM591</b>	<b>MIC-4090D</b>	<b>Mean</b>
<b>pF</b>	19.91	19.91	20	19.2	19.755
	352.7	351	353	349	351.425
<b>nF</b>	17.59	17.61	17.62	17.45	17.5675
	125.7	124.6	125	125.6	125.225
<b>uF</b>	2.93	2.884	2.86	2.86	2.8835
	91.98	91.92	92	90.9	91.7
	399.4	400.3	401	395	398.925
<b>Inductance</b>	<b>ST5</b>	<b>LCR-R1</b>	<b>BM591</b>	<b>MIC-4090D</b>	<b>Mean</b>
<b>uH</b>	10.39	10.43	11.4	10.3	10.63
	57.4	56.96	60.9	64	59.815
	100.7	99.5	106.3	98.2	101.175
	343.5	338.8	346	390	354.575
<b>mH</b>	1.207	1.207	1.217	1.186	1.20425
	22.13	21.91	21.1	21.1	21.56
	3.16	3.095	3.162	3.15	3.14175