



B&K Precision Corp. - 22820 Savi Ranch Parkway, Yorba Linda, CA 92887 - 714-9219095 - www.bkprecision.com

## Certificate of Traceable Calibration

**Model:** 891  
**Description:** Bench LCR Meter  
**Serial number:** 468F19199  
**Calibration date:** 2019/10/21  
**Temperature:** 25 ± 3 °C      **Relative Humidity:** 25 to 75 %

B&K Precision certifies that the product mentioned herein meets the published specifications and has been calibrated using standards traceable to National Metrology Institutes (NIST, NPL, PTB) that are linked to the international system of units (SI). This certificate shall not be reproduced, except in full, without the written approval of the calibration facility.

### Calibration Equipment Used:

Manufacturer-Model	Description	S/N	Cal Due Date
WAYNE KERR- 6440A	Precision Component Analyzers	0000000198	Sep 2020

Bob Lin

Quality Manager



## TEST REPORT

Date: 2019/10/21

Time: 10:45

Manufacturer : B&K Precision  
 Model Name : 891  
 Serial Number : 468F19199  
 Firmware Version : 1.67I/ 1.68 / 4.01B  
 QC Engineer : BK0014  
 Manager : Benson Yang  
 Test Equipments : B&K Precision LCR-891 Test Fixture # F 、 TL-09B  
 Test Environment : TEMP : 25.3℃  
 HUMI : 55.0%

Result	Tag	Mode	Freq	Lev	Std	Min	Max	Reading
PASS	3	DCR		1VRMS	3.0021	2.9871	3.0171	2.9978
PASS	3	Z	100	1VRMS	3.0022	2.9872	3.0172	2.9973
PASS	3	Z	1000	1VRMS	3.0021	2.9871	3.0171	2.9979
PASS	3	Z	10000	1VRMS	3.002	2.987	3.017	3.0031
PASS	20	DCR		1VRMS	19.9992	19.899	20.099	19.997
PASS	20	Z	100	1VRMS	19.9996	19.9	20.1	19.999
PASS	20	Z	1000	1VRMS	19.9998	19.9	20.1	20.000
PASS	20	Z	10000	1VRMS	19.9992	19.899	20.099	20.005
PASS	20	Z	100000	1VRMS	19.9954	19.795	20.195	20.010
PASS	100	DCR		1VRMS	100.012	99.812	100.21	100.00
PASS	100	Z	100	1VRMS	100.016	99.816	100.22	100.01
PASS	100	Z	1000	1VRMS	100.016	99.816	100.22	100.01
PASS	100	Z	10000	1VRMS	100.016	99.816	100.22	100.01
PASS	100	Z	100000	1VRMS	99.998	99.798	100.2	100.01
PASS	550	DCR		1VRMS	550.03	548.93	551.13	550.08
PASS	550	Z	100	1VRMS	549.99	548.89	551.09	549.90
PASS	550	Z	1000	1VRMS	549.99	548.89	551.09	549.91
PASS	550	Z	10000	1VRMS	549.99	548.89	551.09	549.91
PASS	550	Z	100000	1VRMS	549.96	548.86	551.06	549.94
PASS	2.4k	DCR		1VRMS	2.4000k	2.3988	2.4012	2.4002
PASS	2.4k	Z	100	1VRMS	2.3997k	2.3985	2.4009	2.3999
PASS	2.4k	Z	1000	1VRMS	2.3997k	2.3985	2.4009	2.3999
PASS	2.4k	Z	10000	1VRMS	2.3997k	2.3949	2.4045	2.3999
PASS	2.4k	Z	100000	1VRMS	2.3973k	2.3853	2.4093	2.3998
PASS	2.4k	Z	300000	1VRMS	2.4004k	2.3524	2.4484	2.3991
PASS	9.6k	DCR		1VRMS	9.6012k	9.5964	9.606	9.6015
PASS	9.6k	Z	100	1VRMS	9.5996k	9.5948	9.6044	9.6000
PASS	9.6k	Z	1000	1VRMS	9.5997k	9.5949	9.6045	9.6000
PASS	9.6k	Z	10000	1VRMS	9.5997k	9.5805	9.6189	9.5996
PASS	9.6k	Z	100000	1VRMS	9.5893k	9.5414	9.6372	9.5969
PASS	9.6k	Z	300000	1VRMS	9.5993k	9.4073	9.7913	9.5903
PASS	19.2k	DCR		1VRMS	19.2034k	19.165	19.242	19.203
PASS	19.2k	Z	100	1VRMS	19.2k	19.162	19.238	19.201
PASS	19.2k	Z	1000	1VRMS	19.1996k	19.161	19.238	19.201
PASS	19.2k	Z	10000	1VRMS	19.1998k	19.161	19.238	19.200
PASS	19.2k	Z	100000	1VRMS	19.1774k	19.082	19.273	19.187
PASS	38.4k	DCR		1VRMS	38.394k	38.317	38.471	38.399
PASS	38.4k	Z	100	1VRMS	38.3945k	38.318	38.471	38.398
PASS	38.4k	Z	1000	1VRMS	38.3935k	38.317	38.47	38.397
PASS	38.4k	Z	10000	1VRMS	38.395k	38.318	38.472	38.393
PASS	38.4k	Z	100000	1VRMS	38.307k	38.115	38.499	38.337
PASS	76.8k	DCR		1VRMS	76.8k	76.646	76.954	76.802
PASS	76.8k	Z	100	1VRMS	76.792k	76.638	76.946	76.798
PASS	76.8k	Z	1000	1VRMS	76.786k	76.632	76.939	76.793
PASS	76.8k	Z	10000	1VRMS	76.779k	76.625	76.933	76.779
PASS	102.4k	DCR		1VRMS	102.404k	101.89	102.92	102.39
PASS	102.4k	Z	100	1VRMS	102.402k	101.89	102.91	102.39
PASS	102.4k	Z	1000	1VRMS	102.402k	101.89	102.91	102.38
PASS	102.4k	Z	10000	1VRMS	102.404k	101.89	102.92	102.34
PASS	1M	DCR		1VRMS	1.0004M	0.9904	1.0104	0.9997
PASS	1M	Z	100	1VRMS	1.0002M	0.9902	1.0102	0.9995
PASS	1M	Z	1000	1VRMS	1.0002M	0.9902	1.0102	0.9990
PASS	4M	DCR		1VRMS	4.0015M	3.9615	4.0415	3.9932
PASS	4M	Z	100	1VRMS	4.0009M	3.9609	4.0409	3.9935
PASS	100pF	Z	100000	1VRMS	15.875k	15.796	15.954	15.875
PASS	100pF	THETA	100000	1VRMS	-90.012	-90.298	-89.726	-89.929
PASS	100pF	Cp	100000	1VRMS	100.254p	99.753	100.76	100.25
PASS	100pF	Z	300000	1VRMS	5.3003k	5.1943	5.4063	5.2814
PASS	100pF	THETA	300000	1VRMS	-90.004	-91.15	-88.858	-89.898
PASS	100pF	Cp	300000	1VRMS	100.092p	98.09	102.09	100.45
PASS	1000pF	Z	10000	1VRMS	15.9232k	15.891	15.955	15.907
PASS	1000pF	THETA	10000	1VRMS	-90	-90.115	-89.885	-89.996
PASS	1000pF	Cp	10000	1VRMS	999.52p	997.52	1001.5	1000.5
PASS	1000pF	Z	100000	1VRMS	1.5925k	1.5845	1.6005	1.5904
PASS	1000pF	THETA	100000	1VRMS	-90.004	-90.29	-89.718	-89.994
PASS	1000pF	Cp	100000	1VRMS	999.37p	994.37	1004.4	1000.7