

Certificate of Calibration



INFRATEK AG

electronic products

Certificate No: 16118898

Manufacturer:	Infratek AG	Descriptions:	Power Analyzer
		Options Installed	03
Model No:	108A-6/0.02%		
Serial No:	16118898		
Firmware T1:	① nv108ha 1.cal 23.03.16		
Firmware T2:	② nv108T2 22.09.16		
SW Display:	108_A1_260916		

Location of calibration:

Infratek AG
Calibration Center
Weingartenstrasse 6
8707 Uetikon am See (044) 920-5005
Switzerland
www.infratek.ch

Customer invoice No:

Date of calibration: November 29, 2016
Temperature: 23°C
Humidity: 49%
Procedure No: ITQ30-764

This calibration certificate documents that the instrument identified above was calibrated under a quality system in compliance with Swiss Calibration Service (SCS), using applicable Infratek AG procedures. Based on the recommended calibration interval, the next calibration is due on **November 29, 2017**

Standard used: Model	Model description:	Serial No
Fluke 5700A	High Precision Calibrator	5260013

Input	Range (IN)	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
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Voltage Test @ 60Hz

0.3V	0.3V	300.00 mV	299.99 mV	300.16 mV	299.99 mV	300.00 mV	299.99 mV
1V	1V	1.0000 V	999.98 mV	999.99 mV	999.98 mV	1.0000 V	1.0001 V
3V	3V	2.9999 V	2.9999 V	3.0000 V	2.9999 V	3.0000 V	3.0000 V
10V	10V	10.000 V	10.000 V	10.000 V	10.000 V	10.000 V	10.000 V
30V	30V	29.999 V	29.999 V	30.000 V	29.999 V	29.999 V	30.000 V
100V	100V	99.996 V	99.996 V	100.00 V	100.00 V	99.999 V	100.00 V
300V	300V	299.98 V	299.98 V	299.99 V	299.98 V	299.99 V	299.99 V
600V	1000V	599.86 V	599.89 V	599.82 V	599.82 V	599.98 V	599.99 V

Current Test - 1A Input @ 60Hz

1.5mA	1.5mA	1.5001 mA	1.4998 mA	1.4999 mA	1.4998 mA	1.5001 mA	1.4994 mA
5mA	5mA	4.9995 mA	4.9996 mA	4.9997 mA	4.9996 mA	5.0001 mA	4.9993 mA
15mA	15mA	15.000 mA	15.001 mA	15.000 mA	15.001 mA	14.999 mA	15.002 mA
50mA	50mA	50.000 mA	50.002 mA	50.000 mA	50.002 mA	49.998 mA	50.005 mA
150mA	150mA	150.00 mA	150.00 mA	150.00 mA	150.00 mA	150.01 mA	150.00 mA
500mA	500mA	500.00 mA	500.01 mA	500.00 mA	500.02 mA	500.02 mA	500.00 mA
1.0A	1.5A	1.0000 A	1.0000 A	1.0000 A	1.0000 A	1.0000 A	1.0000 A

Current Test - 5A Input @ 60Hz

15mA	15mA	15.000 mA	15.001 mA	15.000 mA	15.001 mA	14.999 mA	15.000 mA
50mA	50mA	50.002 mA	50.004 mA	50.002 mA	50.001 mA	50.005 mA	50.003 mA
150mA	150mA	150.00 mA	150.01 mA	150.01 mA	150.01 mA	150.01 mA	150.01 mA
500mA	500mA	500.02 mA	500.03 mA	500.03 mA	500.03 mA	500.03 mA	500.04 mA
1.5A	1.5A	1.5000 A	1.5001 A	1.5000 A	1.5001 A	1.5002 A	1.5001 A
5A	5A	4.9988 A	4.9989 A	4.9987 A	4.9986 A	4.9994 A	4.9992 A

Current Test - 30A Input @ 60Hz

1A	1A	1.0000 A	1.0001 A	1.0000 A	999.97 mA	1.0001 A	999.99 mA
3A	3A	3.0000 A	3.0002 A	2.9999 A	2.9996 A	2.9995 A	2.9999 A
10A	10A	10.000 A	10.000 A	9.9993 A	9.9992 A	9.9992 A	9.9999 A
20A	30A	19.999 A	19.999 A	19.999 A	19.999 A	20.001 A	19.999 A

Current Test - Shunt Input @ 60Hz

60mV	60mV	1.0001 A	1.0000 A	1.0001 A	1.0000 A	1.0001 A	1.0000 A
180mV	200mV	3.0001 A	3.0002 A	3.0001 A	3.0001 A	2.9996 A	3.0001 A
600mV	600mV	10.000 A	10.000 A	10.000 A	10.000 A	10.001 A	10.000 A
1.8V	2V	30.000 A	30.001 A	30.001 A	30.002 A	30.004 A	30.001 A
6V	6V	100.00 A	100.01 A	100.00 A	100.00 A	100.01 A	100.01 A

Power Test @ 60Hz

10A/10V	10A/10V	100.00 W	100.01 W	100.00 W	100.00 W	100.01 W	100.00 W
20A/20V	30A/30V	399.76 W	399.95 W	399.77 W	399.91 W	400.05 W	399.98 W