

SAMPLE

検査成績表

<TEST REPORT>

HIOKI
HIOKI E. E. CORPORATION

1/3

品名<Model Name> (ACクランプパワーメータ)
< AC CLAMP POWER METER >
形名<Model Number> (CM3286-50)
製造番号<Serial No.> (No. 211212345)
検査年月日<Test Date> (2021-12-17)
<YYYY-MM-DD>
検査条件<Test Conditions> (25.2 °C, 30 % RH)

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	校正値 <Calibration Value>
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1. 確度< Accuracy >

-1. 交流電流実効値< AC Current RMS >

600A	6A 60Hz	5.7 A	~ 6.3 A	(6.0 A)
	540A 60Hz	534.3 A	~ 545.7 A	(540.0 A)
	540A 100Hz	531.4 A	~ 548.6 A	(540.1 A)
60A	0.6A 60Hz	0.57 A	~ 0.63 A	(0.60 A)
	54A 60Hz	53.43 A	~ 54.57 A	(54.00 A)
6A	0.06A 60Hz	0.057 A	~ 0.063 A	(0.060 A)
	5.4A 60Hz	5.327 A	~ 5.473 A	(5.402 A)
	5.4A 500Hz	5.287 A	~ 5.513 A	(5.386 A)
	5.4A 1000Hz	5.125 A	~ 5.675 A	(5.343 A)

-2. 交流電流波高値< AC Current Peak >

600A	6A 60Hz	4 A	~ 13 A	(9 A)
	540A 60Hz	740 A	~ 787 A	(764 A)
	540A 100Hz	740 A	~ 787 A	(764 A)
60A	0.6A 60Hz	0.4 A	~ 1.3 A	(0.9 A)
	54A 60Hz	74.0 A	~ 78.7 A	(76.4 A)
6A	0.06A 60Hz	0.04 A	~ 0.13 A	(0.09 A)
	5.4A 60Hz	7.36 A	~ 7.91 A	(7.64 A)
	5.4A 500Hz	7.36 A	~ 7.91 A	(7.62 A)
	5.4A 1000Hz	7.21 A	~ 8.06 A	(7.56 A)

-3. 交流電流周波数< AC Current Frequency >

6A	0.2A 50Hz	49.6 Hz	~ 50.4 Hz	(50.0 Hz)
	0.2A 900Hz	897.0 Hz	~ 903.0 Hz	(900.0 Hz)

備考<Note>

・FAIL判定箇所は、グレー表示としています。<FAIL decision points are highlighted in gray.>

・形名欄の記載形名は、製品本体表記に基づいています。

<The model number stated in this document is based on the model number indicated on the instrument.>

総合判定<Overall Result>	検査者<Inspected by>	承認者<Approved by>
(PASS)	()	()

No.CM328650-1

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品名<Model Name> (ACクランプパワーメータ)
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 検査年月日<Test Date> (2021-12-17)
 <YYYY-MM-DD>
 検査条件<Test Conditions> (25.2 °C, 30 % RH)

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	校正値 <Calibration Value>
-4.交流電圧実効値< AC Voltage RMS >				
600V	80V 60Hz	79.2 V	~ 80.8 V	(79.9 V)
	540V 60Hz	536.0 V	~ 544.0 V	(539.9 V)
	540V 500Hz	534.1 V	~ 545.9 V	(538.8 V)
	540V 1000Hz	523.3 V	~ 556.7 V	(535.5 V)
-5.交流電圧波高値< AC Voltage Peak >				
600V	80V 60Hz	106 V	~ 120 V	(113 V)
	540V 60Hz	740 V	~ 787 V	(764 V)
	540V 500Hz	740 V	~ 787 V	(762 V)
	540V 1000Hz	729 V	~ 799 V	(757 V)
-6.交流電圧周波数< AC Voltage Frequency >				
600V	20V 50Hz	49.6 Hz	~ 50.4 Hz	(50.0 Hz)
	20V 900Hz	897.0 Hz	~ 903.0 Hz	(900.0 Hz)
-7.单相有効電力< Single-phase Active Power >				
360kW	540V 540A 60Hz 0°	286.2 kW	~ 297.0 kW	(291.6 kW)
36kW	80V 0.6A 60Hz 0°	0.00 kW	~ 0.09 kW	(0.05 kW)
	80V 54A 60Hz 0°	4.20 kW	~ 4.44 kW	(4.32 kW)
	540V 0.6A 60Hz 0°	0.27 kW	~ 0.37 kW	(0.32 kW)
	540V 54A 60Hz 0°	28.62 kW	~ 29.70 kW	(29.16 kW)
3.6kW	540V 5.4A 60Hz 0°	2.851 kW	~ 2.981 kW	(2.916 kW)
-8.ゼロクロス位相角< Single-phase Zero-cross Phase Angle >				
360kW	540V 540A 60Hz 0°	-3.0 °	~ 3.0 °	(0.0 °)
	540V 540A 60Hz 30°	27.0 °	~ 33.0 °	(30.0 °)
36kW	540V 54A 60Hz 0°	-3.0 °	~ 3.0 °	(0.0 °)
	540V 54A 60Hz 30°	27.0 °	~ 33.0 °	(29.9 °)
3.6kW	540V 5.4A 60Hz 0°	-3.0 °	~ 3.0 °	(0.0 °)
	540V 5.4A 60Hz 30°	27.0 °	~ 33.0 °	(30.0 °)
-9.平衡三相3線電力測定< Balanced 3-phase 3-wire Active Power >				
720kW	540V 540A 60Hz 0°	489.0 kW	~ 521.2 kW	(505.0 kW)
72kW	540V 54A 60Hz 0°	48.90 kW	~ 52.12 kW	(50.48 kW)
7.2kW	540V 5.4A 60Hz 0°	4.890 kW	~ 5.212 kW	(5.052 kW)

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検査条件<Test Conditions> (25.2 °C, 30 % RH)

項目 <Item>	レンジ <Range>	入力 <Input>	次数 <Order>	許容範囲 <Tolerance>	校正値 <Calibration Value>
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2.高調波機能< Harmonic Function >

-1.電流高調波< Current Harmonic >

6A	0.06A 50Hz	1	0.047	A ~ 0.073 A	(0.060 A)
	5.4A 50Hz	1	5.120	A ~ 5.680 A	(5.401 A)
	5.4A 60Hz	1	5.120	A ~ 5.680 A	(5.401 A)
	5.4A 600Hz	10	5.120	A ~ 5.680 A	(5.353 A)
	5.4A 1200Hz	20	4.850	A ~ 5.950 A	(5.209 A)
	5.4A 1800Hz	30	4.310	A ~ 6.490 A	(4.977 A)

-2.電圧高調波< Voltage Harmonic >

600V	540V 50Hz	1	512.0	V ~ 568.0 V	(540.1 V)
	540V 60Hz	1	512.0	V ~ 568.0 V	(540.0 V)
	540V 600Hz	10	512.0	V ~ 568.0 V	(535.7 V)
	540V 1200Hz	20	485.0	V ~ 595.0 V	(522.7 V)
	540V 1800Hz	30	431.0	V ~ 649.0 V	(501.7 V)

備考<Note>

*2 基本波 50Hz:50Hz、50Hz以外:60Hz
< Fundamental frequency 50Hz : 50Hz, except 50Hz : 60Hz >

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