

SAMPLE 検査成績表

<TEST REPORT>

HIOKI
HIOKI E. E. CORPORATION

品名<Model Name> (AC/DC クランプメータ<AC/DC CLAMP METER>)
 形名<Model Number> (CM4376) *1
 製造番号<Serial No.> (No.181212364)
 検査年月日<Test Date> (2021-01-14)
 <YYYY-MM-DD>
 検査条件<Test Conditions> (26.4°C, 41%rh)

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	校正値 <Indicated Value>
交流電流<AC Current>	1000A Filter OFF	10.0A 50Hz	9.1 A ~ 10.9 A	(9.9 A)
		900.0A 50Hz	888.0 A ~ 912.0 A	(899.7 A)
直流電流／交流＋直流電流<DC Current / AC+DC Current>	1000A Filter OFF	-900.0A DC	-912.0 A ~ -888.0 A	(-899.6 A)
		10.0A DC	9.1 A ~ 10.9 A	(10.0 A)
		900.0A DC	888.0 A ~ 912.0 A	(899.5 A)
交流電流Peak<AC Current Peak>	1000A	1200Apeak 50Hz	1172 A ~ 1228 A	(1201 A)
		-1200Apeak 50Hz	-1228 A ~ -1172 A	(-1199 A)
直流電流／交流＋直流電流Peak<DC Current / AC+DC Current Peak>	1000A	1200Apeak 50Hz	1172 A ~ 1228 A	(1200 A)
		-1200Apeak 50Hz	-1228 A ~ -1172 A	(-1199 A)
交流電流周波数特性<AC Current Frequency Characteristic>	1000A Filter ON	200.0A 10Hz	194.9 A ~ 205.1 A	(199.8 A)
		200.0A 66Hz	196.1 A ~ 203.9 A	(199.3 A)
	1000A Filter OFF	200.0A 10Hz	195.9 A ~ 204.1 A	(199.7 A)
		200.0A 500Hz	195.5 A ~ 204.5 A	(199.7 A)
		200.0A 1000Hz	195.5 A ~ 204.5 A	(200.5 A)
交流＋直流電流周波数特性<AC+DC Current Frequency Characteristic>	1000A Filter ON	200.0A 66Hz	195.1 A ~ 204.9 A	(199.3 A)
	1000A Filter OFF	200.0A 1000Hz	195.3 A ~ 204.7 A	(199.7 A)
突入電流／突入電流Peak<Inrush Current / Inrush Current Peak>	1000A Inrush rms	900.0A DC	853.7 A ~ 946.3 A	(899.4 A)
		150.0A 400Hz	141.2 A ~ 158.8 A	(149.1 A)
	1000A Inrush peak	-900Apeak DC	-964 A ~ -836 A	(-902 A)
		900Apeak DC	836 A ~ 964 A	(903 A)
		212Apeak 400Hz *2	190 A ~ 234 A	(209 A)

備考<Note>

- * 1 製品本体表記に基づき、形名欄への記載形名を以下のようにしています。<The model number stated in this document correspond to the respective model number indicated on the instrument as listed below:>
 CM4375-20: CM4375
 CM4376-20: CM4376
- * 2 突入電流Peakにおける交流入力では、LCD表示値の絶対値を校正値としています。<The indicated value for Inrush Current Peak of AC input is expressed as the absolute value of the LCD displayed value.>
- ・FAIL判定箇所は、グレー表示としています。<FAIL decision points are highlighted in gray.>

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

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項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	校正値 <Indicated Value>
交流電圧<AC Voltage>				
6.000V Filter OFF		0.300V 50Hz	0.295 V ~ 0.305 V	(0.300 V)
		5.400V 50Hz	5.349 V ~ 5.451 V	(5.401 V)
60.00V Filter OFF		3.00V 50Hz	2.95 V ~ 3.05 V	(3.00 V)
		54.00V 50Hz	53.49 V ~ 54.51 V	(54.01 V)
600.0V Filter OFF		30.0V 50Hz	29.5 V ~ 30.5 V	(30.0 V)
		540.0V 50Hz	534.9 V ~ 545.1 V	(540.0 V)
1000V Filter OFF		900V 50Hz	889 V ~ 911 V	(900 V)
直流電圧／交流＋直流電圧<DC Voltage / AC+DC Voltage>				
600.0mV Filter OFF		-540.0mV DC	-543.2 mV ~ -536.8 mV	(-539.7 mV)
		0.0mV DC	-0.5 mV ~ 0.5 mV	(0.0 mV)
		540.0mV DC	536.8 mV ~ 543.2 mV	(540.1 mV)
6.000V Filter OFF		-5.400V DC	-5.430 V ~ -5.370 V	(-5.401 V)
		0.000V DC	-0.003 V ~ 0.003 V	(0.000 V)
		5.400V DC	5.370 V ~ 5.430 V	(5.401 V)
60.00V Filter OFF		-54.00V DC	-54.30 V ~ -53.70 V	(-54.00 V)
		0.00V DC	-0.03 V ~ 0.03 V	(0.00 V)
		54.00V DC	53.70 V ~ 54.30 V	(54.01 V)
600.0V Filter OFF		-540.0V DC	-543.0 V ~ -537.0 V	(-540.0 V)
		0.0V DC	-0.3 V ~ 0.3 V	(0.0 V)
		540.0V DC	537.0 V ~ 543.0 V	(540.1 V)
1500V Filter OFF		-900V DC	-907 V ~ -893 V	(-901 V)
		900V DC	893 V ~ 907 V	(901 V)
交流電圧 Peak<AC Voltage Peak>				
6.000V		10.00Vpeak 50Hz	9.78 V ~ 10.22 V	(9.99 V)
		-10.00Vpeak 50Hz	-10.22 V ~ -9.78 V	(-10.01 V)
60.00V		100.0Vpeak 50Hz	97.8 V ~ 102.2 V	(100.0 V)
		-100.0Vpeak 50Hz	-102.2 V ~ -97.8 V	(-100.0 V)
600.0V		1000Vpeak 50Hz	978 V ~ 1022 V	(999 V)
		-1000Vpeak 50Hz	-1022 V ~ -978 V	(-1001 V)
直流電圧／交流＋直流電圧 Peak<DC Voltage / AC+DC Voltage Peak>				
600.0mV		1000mVpeak 50Hz	983 mV ~ 1017 mV	(1001 mV)
		-1000mVpeak 50Hz	-1017 mV ~ -983 mV	(-1000 mV)
6.000V		10.00Vpeak 50Hz	9.83 V ~ 10.17 V	(10.00 V)
		-10.00Vpeak 50Hz	-10.17 V ~ -9.83 V	(-10.01 V)
60.00V		100.0Vpeak 50Hz	98.3 V ~ 101.7 V	(100.0 V)
		-100.0Vpeak 50Hz	-101.7 V ~ -98.3 V	(-100.0 V)
600.0V		1000Vpeak 50Hz	983 V ~ 1017 V	(1000 V)
		-1000Vpeak 50Hz	-1017 V ~ -983 V	(-1001 V)
交流電圧周波数特性<AC Voltage Frequency Characteristic>				
6.000V Filter ON		5.400V 15Hz	5.287 V ~ 5.513 V	(5.388 V)
		5.400V 66Hz	5.322 V ~ 5.478 V	(5.389 V)
6.000V Filter OFF		5.400V 15Hz	5.314 V ~ 5.486 V	(5.388 V)
		5.400V 1000Hz	5.314 V ~ 5.486 V	(5.378 V)
60.00V Filter OFF		54.00V 1000Hz	53.14 V ~ 54.86 V	(53.76 V)
600.0V Filter OFF		540.0V 1000Hz	531.4 V ~ 548.6 V	(537.4 V)
交流＋直流電圧 周波数特性<AC+DC Voltage Frequency Characteristic>				
6.000V Filter ON		5.400V 66Hz	5.306 V ~ 5.494 V	(5.389 V)
6.000V Filter OFF		5.400V 1000Hz	5.306 V ~ 5.494 V	(5.393 V)
60.00V Filter OFF		54.00V 1000Hz	53.06 V ~ 54.94 V	(53.84 V)
600.0V Filter OFF		540.0V 1000Hz	531.2 V ~ 548.8 V	(538.1 V)

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項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	校正値 <Indicated Value>
周波数<Frequency>	9.999Hz	0.600V 9.000Hz	8.988 Hz ~ 9.012 Hz	(9.000 Hz)
	99.99Hz	0.600V 90.00Hz	89.90 Hz ~ 90.10 Hz	(90.01 Hz)
	999.9Hz	0.600V 900.0Hz	899.0 Hz ~ 901.0 Hz	(900.0 Hz)
導通チェック<Continuity Check>	600.0Ω	0.0Ω	-0.5 Ω ~ 0.5 Ω	(0.1 Ω)
		540.0Ω	535.8 Ω ~ 544.2 Ω	(539.6 Ω)
抵抗<Resistance>	600.0Ω	0.0Ω	-0.5 Ω ~ 0.5 Ω	(0.0 Ω)
		540.0Ω	535.8 Ω ~ 544.2 Ω	(539.7 Ω)
	6.000kΩ	0.000kΩ	-0.005 kΩ ~ 0.005 kΩ	(0.000 kΩ)
		5.400kΩ	5.358 kΩ ~ 5.442 kΩ	(5.402 kΩ)
	60.00kΩ	0.00kΩ	-0.05 kΩ ~ 0.05 kΩ	(0.00 kΩ)
		54.00kΩ	53.58 kΩ ~ 54.42 kΩ	(54.02 kΩ)
	600.0kΩ	0.0kΩ	-0.5 kΩ ~ 0.5 kΩ	(0.0 kΩ)
		540.0kΩ	535.8 kΩ ~ 544.2 kΩ	(540.2 kΩ)
ダイオード<Diode>	1.800V	1.500V	1.485 V ~ 1.515 V	(1.501 V)
静電容量<Capacitance>	1.000μF	0.009μF	0.004 μF ~ 0.014 μF	(0.009 μF)
		0.090μF	0.084 μF ~ 0.096 μF	(0.090 μF)
		0.900μF	0.878 μF ~ 0.922 μF	(0.900 μF)
	10.00μF	9.00μF	8.78 μF ~ 9.22 μF	(8.99 μF)
	100.0μF	90.0μF	87.8 μF ~ 92.2 μF	(89.9 μF)
	1000μF	900μF	878 μF ~ 922 μF	(900 μF)
温度<Temperature>	-40.0~400.0°C	0.0°C	-3.0 °C ~ 3.0 °C	(0.6 °C)
		360.0°C	355.2 °C ~ 364.8 °C	(360.6 °C)

項目 <Item>	レンジ <Range>	入力 <Input>	結果 <Result>
導体位置の影響<Effects Of Conductor Position>	1000.0A	200.0A 50Hz	(PASS)