

検査成績表
<TEST REPORT>

HIOKI
HIOKI E. E. CORPORATION

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品名<Model Name> (AC/DC クランプメータ<AC/DC CLAMP METER>)
 形名<Model Number> (CM4375-50)
 製造番号<Serial No.> (No.211205013)
 検査年月日<Test Date> (2021-12-06)
 <YYYY-MM-DD>
 検査条件<Test Conditions> (24.7°C, 29% RH)

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	校正値 <Calibration Value>
交流電流<AC Current>	1000A Filter OFF	10.0A 50Hz 900.0A 50Hz	9.1 A ~ 10.9 A 888.0 A ~ 912.0 A	(9.9 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 10.0A DC 900.0A DC	-912.0 A ~ -888.0 A 9.1 A ~ 10.9 A 888.0 A ~ 912.0 A	(-899.5 A) (10.0 A) (899.8 A)
交流電流Peak<AC Current Peak>	1000A	±1425Apeak 50Hz 50Hz	1393 A ~ 1457 A -1457 A ~ -1393 A	(1424 A) (-1424 A)
直流電流／交流＋直流電流Peak<DC Current / AC+DC Current Peak>	1000A	±1425Apeak 50Hz 50Hz	1393 A ~ 1457 A -1457 A ~ -1393 A	(1424 A) (-1422 A)
交流電流周波数特性<AC Current Frequency Characteristic>	1000A Filter ON 1000A Filter OFF	200.0A 10Hz 200.0A 66Hz 200.0A 10Hz 200.0A 500Hz 200.0A 1000Hz	194.9 A ~ 205.1 A 196.1 A ~ 203.9 A 195.9 A ~ 204.1 A 195.5 A ~ 204.5 A 195.5 A ~ 204.5 A	(199.7 A) (199.4 A) (199.8 A) (199.6 A) (199.4 A)
交流＋直流電流周波数特性<AC+DC Current Frequency Characteristic>	1000A Filter ON 1000A Filter OFF	200.0A 66Hz 200.0A 1000Hz	195.1 A ~ 204.9 A 195.3 A ~ 204.7 A	(199.5 A) (199.7 A)
突入電流／突入電流Peak<Inrush Current / Inrush Current Peak>	1000A Inrush rms 1000A Inrush peak 200A Inrush rms	900.0A DC -900Apeak DC 900Apeak DC 200A 500Hz	853.7 A ~ 946.3 A -964 A ~ -836 A 836 A ~ 964 A 188.7 A ~ 211.3 A	(902.8 A) (-904 A) (902 A) (199.0 A)

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)	()	()

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 形名<Model Number> (CM4375-50)
 製造番号<Serial No.> (No.211205013)
 検査年月日<Test Date> (2021-12-06)
 <YYYY-MM-DD>

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	校正値 <Calibration 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	(-539.8 mV)
		0.0mV	DC	-0.5 mV ~ 0.5 mV	(-0.1 mV)
6.000V Filter OFF		540.0mV	DC	536.8 mV ~ 543.2 mV	(540.0 mV)
		-5.400V	DC	-5.430 V ~ -5.370 V	(-5.401 V)
60.00V Filter OFF		0.000V	DC	-0.003 V ~ 0.003 V	(0.000 V)
		5.400V	DC	5.370 V ~ 5.430 V	(5.401 V)
600.0V Filter OFF		-54.00V	DC	-54.30 V ~ -53.70 V	(-54.01 V)
		0.00V	DC	-0.03 V ~ 0.03 V	(0.00 V)
1000V Filter OFF		54.00V	DC	53.70 V ~ 54.30 V	(54.01 V)
		-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)
		-900V	DC	-907 V ~ -893 V	(-900 V)
		900V	DC	893 V ~ 907 V	(900 V)
交流電圧 Peak<AC Voltage Peak>					
6.000V		±10.00Vpeak	50Hz	9.78 V ~ 10.22 V	(9.99 V)
			50Hz	-10.22 V ~ -9.78 V	(-10.01 V)
60.00V		±100.0Vpeak	50Hz	97.8 V ~ 102.2 V	(100.0 V)
			50Hz	-102.2 V ~ -97.8 V	(-100.0 V)
600.0V		±1000Vpeak	50Hz	978 V ~ 1022 V	(999 V)
			50Hz	-1022 V ~ -978 V	(-1000 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	(1002 mV)
			50Hz	-1017 mV ~ -983 mV	(-1001 mV)
6.000V		±10.00Vpeak	50Hz	9.83 V ~ 10.17 V	(10.00 V)
			50Hz	-10.17 V ~ -9.83 V	(-10.01 V)
60.00V		±100.0Vpeak	50Hz	98.3 V ~ 101.7 V	(100.0 V)
			50Hz	-101.7 V ~ -98.3 V	(-100.0 V)
600.0V		±1000Vpeak	50Hz	983 V ~ 1017 V	(999 V)
			50Hz	-1017 V ~ -983 V	(-1000 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)
			66Hz	5.322 V ~ 5.478 V	(5.388 V)
6.000V Filter OFF		5.400V	15Hz	5.314 V ~ 5.486 V	(5.388 V)
			1000Hz	5.314 V ~ 5.486 V	(5.391 V)
60.00V Filter OFF		54.00V	1000Hz	53.14 V ~ 54.86 V	(53.85 V)
600.0V Filter OFF		540.0V	1000Hz	531.4 V ~ 548.6 V	(537.9 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	(5.404 V)
60.00V Filter OFF		54.00V	1000Hz	53.06 V ~ 54.94 V	(53.92 V)
600.0V Filter OFF		540.0V	1000Hz	531.2 V ~ 548.8 V	(538.5 V)

No.CM437550-1

SAMPLE 検査成績表
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 製造番号<Serial No.> (No.211205013)
 検査年月日<Test Date> (2021-12-06)
 <YYYY-MM-DD>

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	校正値 <Calibration 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	(90.00 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	(0.0 Ω)
		540.0Ω	535.8 Ω ~ 544.2 Ω	(539.7 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	(5.403 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	(540.3 kΩ)
	6.000MΩ	0.000MΩ	-0.005 MΩ ~ 0.005 MΩ	(0.000 MΩ)
		5.400MΩ	5.341 MΩ ~ 5.459 MΩ	(5.402 MΩ)
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	(0.008 μF)
		0.090μF	0.084 μF ~ 0.096 μF	(0.088 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	(899 μF)
温度<Temperature>	-40.0~400.0°C	0.0°C	-3.0 °C ~ 3.0 °C	(1.1 °C)
		360.0°C	355.2 °C ~ 364.8 °C	(361.0 °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)