

SAMPLE

検査成績表

〈TEST REPORT〉

品名〈Model Name〉 (クランプオンパワーハイテスタ〈CLAMP ON POWER HITESTER〉)
 形名〈Model Number〉 (3169-01)
 製造番号〈Serial No.〉 (No. 021016925)
 検査年月日〈Test Date〉 (2020-05-22)
 (<YYYY-MM-DD>)
 検査条件〈Test Conditions〉 (24.2 °C, 35 %rh)

項目 〈Item〉	レンジ 〈Range〉	入力 〈Input〉	許容範囲 〈Tolerance〉	表示値 〈Indicated value〉				
精度〈Accuracy〉								
電圧〈U〉								
				U1	U2	U3		
	150V	0V (DC)	0.00 V ~ 0.00 V	(0.00 V)	(0.00 V)	(0.00 V)		
		7.5V (55Hz)	7.34 V ~ 7.66 V	(7.50 V)	(7.50 V)	(7.50 V)		
		150V (55Hz)	149.55 V ~ 150.45 V	(149.99 V)	(149.99 V)	(149.97 V)		
	300V	300V (55Hz)	299.10 V ~ 300.90 V	(300.00 V)	(299.99 V)	(299.97 V)		
	600V	600V (55Hz)	598.20 V ~ 601.80 V	(600.01 V)	(599.98 V)	(599.94 V)		
電流〈I〉 *1								
				CH1	CH2	CH3	CH4	
	5A	5A (55Hz)	4.9850 A ~ 5.0150 A	(5.0000 A)	(4.9995 A)	(4.9998 A)	(4.9998 A)	
	10A	10A (55Hz)	9.970 A ~ 10.030 A	(10.000 A)	(10.000 A)	(10.000 A)	(10.000 A)	
	50A	0A (DC)	0.000 A ~ 0.000 A	(0.000 A)	(0.000 A)	(0.000 A)	(0.000 A)	
		2.5A (55Hz)	2.445 A ~ 2.555 A	(2.500 A)	(2.500 A)	(2.500 A)	(2.500 A)	
		50A (55Hz)	49.850 A ~ 50.150 A	(49.999 A)	(49.998 A)	(49.999 A)	(49.999 A)	
	100A	100A (55Hz)	99.70 A ~ 100.30 A	(100.00 A)	(100.00 A)	(100.00 A)	(100.00 A)	
	500A	500A (55Hz)	498.50 A ~ 501.50 A	(499.90 A)	(499.91 A)	(499.92 A)	(499.91 A)	
有効電力〈P〉 *1								
				*2	CH1	CH2	CH3	CH4
	(P1,P2,P3 - 3P4W4I	P4 - 1P2W × 4)	cos Φ=1					
	150V 50A 150V	0A 0kW	0.0000 kW ~ 0.0000 kW		(0.0000 kW)	(0.0000 kW)	(0.0000 kW)	(0.0000 kW)
	150V 50A 150V	2.5A 375W	0.3668 kW ~ 0.3832 kW		(0.3750 kW)	(0.3749 kW)	(0.3748 kW)	(0.3750 kW)
	150V 50A 150V	50A 7.5kW	7.4775 kW ~ 7.5225 kW		(7.4998 kW)	(7.4992 kW)	(7.4982 kW)	(7.4998 kW)
無効電力〈Q〉 *1								
				*2	CH1	CH2	CH3	CH4
	(P1,P2,P3 - 3P4W4I	P4 - 1P2W × 4)	cos Φ=0					
	150V 50A 150V	0A 0kvar	0.0000 kvar ~ 0.0000 kvar		(0.0000 kvar)	(0.0000 kvar)	(0.0000 kvar)	(0.0000 kvar)
	150V 50A 150V	2.5A 375var	0.3668 kvar ~ 0.3832 kvar		(0.3751 kvar)	(0.3750 kvar)	(0.3750 kvar)	(0.3749 kvar)
	150V 50A 150V	50A 7.5kvar	7.4775 kvar ~ 7.5225 kvar		(7.4996 kvar)	(7.4992 kvar)	(7.4983 kvar)	(7.4994 kvar)
周波数特性〈Frequency characteristic〉								
				CH1	CH2	CH3	CH4	
	(P - 3P4W4I)	cos Φ=1						
< U >	150V	150V (3kHz)	145.05 V ~ 154.95 V	(149.75 V)	(149.78 V)	(149.71 V)		
< I > *1	50A	50A (3kHz)	48.350 A ~ 51.650 A	(50.005 A)	(50.009 A)	(50.005 A)	(50.003 A)	
< P > *1	150V 50A 150V	50A 22.5kW	21.758 kW ~ 23.242 kW	(22.418 kW)				

総合判定〈Overall Result〉 (PASS)	検査者〈Inspected by〉 ()	承認者〈Approved by〉 ()
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検査成績表
<TEST REPORT>

製造番号<Serial No.> (No. 021016925)
 検査年月日<Test Date> (2020-05-22)
 <YYYY-MM-DD>

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	表示値 <Indicated value>
精度<Accuracy>				
周波数測定<Frequency measurement>				
	150V	150V (55Hz)	54.724 Hz ~ 55.276 Hz	U1 (55.003 Hz)
高調波電圧・電流・電力<Harmonic U,I,P level>				
1次	(P-3P4W4I)	cosΦ=1		CH1 CH2 CH3 CH4
<U>	150V	150V	148.20 V ~ 151.80 V	(149.98 V) (149.97 V) (149.95 V)
<I> *1	50A	50A	49.400 A ~ 50.600 A	(49.991 A) (49.991 A) (49.992 A) (49.992 A)
<P> *1	150V 50A	150V 50A 22.5kW	22.230 kW ~ 22.770 kW	(22.491 kW)
20次				CH1 CH2 CH3 CH4
<U>	150V	150V	148.20 V ~ 151.80 V	(150.03 V) (150.03 V) (150.00 V)
<I> *1	50A	50A	49.400 A ~ 50.600 A	(50.028 A) (50.029 A) (50.028 A) (50.028 A)
<P> *1	150V 50A	150V 50A 22.5kW	22.230 kW ~ 22.770 kW	(22.511 kW)
30次				CH1 CH2 CH3 CH4
<U>	150V	150V	148.05 V ~ 151.95 V	(149.94 V) (149.94 V) (149.90 V)
<I> *1	50A	50A	49.350 A ~ 50.650 A	(50.009 A) (50.011 A) (50.010 A) (50.009 A)
<P> *1	150V 50A	150V 50A 22.5kW	22.208 kW ~ 22.792 kW	(22.480 kW)
40次				CH1 CH2 CH3 CH4
<U>	150V	150V	146.55 V ~ 153.45 V	(149.83 V) (149.84 V) (149.78 V)
<I> *1	50A	50A	48.850 A ~ 51.150 A	(49.981 A) (49.985 A) (49.982 A) (49.982 A)
<P> *1	150V 50A	150V 50A 22.5kW	21.983 kW ~ 23.017 kW	(22.445 kW)
*高調波電力位相角<Harmonic power phase angle>				
	(P-3P4W4I)	cosΦ=1		
1次	150V 50A	150V 50A 22.5kW	-3.00 ° ~ 3.00 °	(0.07 °)
6次	150V 50A	150V 50A 22.5kW	-3.00 ° ~ 3.00 °	(0.29 °)
40次	150V 50A	150V 50A 22.5kW	-13.00 ° ~ 13.00 °	(2.41 °)
D/A Out				
	-	-5V	-5.010 V ~ -4.990 V	(-4.998 V) (-5.001 V) (-5.001 V) (-5.002 V)
	-	0V	-0.010 V ~ 0.010 V	(0.002 V) (0.000 V) (-0.001 V) (-0.001 V)
	-	+2.5V	2.490 V ~ 2.510 V	(2.501 V) (2.499 V) (2.499 V) (2.498 V)
	-	+5V	4.990 V ~ 5.010 V	(5.003 V) (5.000 V) (5.000 V) (4.999 V)

備考<Note>

*1. 電流・電力検査における電流入力値は、9660,9661クランプオンセンサの入力に比例した電圧入力で行います。
 (9660:100Aレンジ…0.1V, 9661:500Aレンジ…0.5V)

<On current / power inspection, current input value is indicated and executed by voltage in proportion to the input for Models 9660 and 9661 Clamp-on Sensor.>
 (9660:eg.0.1V for 100A range, 9661:eg.0.5V for 500A range)

*2. CH1=U1×I(CH1), CH2=U2×I(CH2), CH3=U3×I(CH3), CH4=U1×I(CH4)

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

高調波歪率などの演算に依存する測定項目については検査を実施していませんが、仕様に規定されている全範囲について精度保証しています。

<Although measurement items (e.g., THD%) that are dependent on calculations are not inspected, the entire range stipulated in the specifications is guaranteed for accuracy.>