

SAMPLE  
検査成績表  
〈TEST REPORT〉

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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 )  
製造番号〈Serial No.〉 ( No. 021016775 )  
検査年月日〈Test Date〉 ( 2020-05-22 )  
( 〈YYYY-MM-DD〉 )  
検査条件〈Test Conditions〉 ( 25.7 °C, 37 %rh )

| 項目<br>〈Item〉                               | レンジ<br>〈Range〉           | 入力<br>〈Input〉 | 許容範囲<br>〈Tolerance〉 | 表示値<br>〈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          | ( 150.00 V ) ( 150.00 V ) ( 150.00 V )                          |
| 300V                                       | 300V (55Hz)              | 299.10 V      | ~ 300.90 V          | ( 300.02 V ) ( 300.02 V ) ( 300.03 V )                          |
| 600V                                       | 600V (55Hz)              | 598.20 V      | ~ 601.80 V          | ( 600.04 V ) ( 600.04 V ) ( 600.05 V )                          |
| 電流〈I〉 *1                                   |                          |               |                     |                                                                 |
|                                            |                          |               |                     | CH1 CH2 CH3 CH4                                                 |
| 5A                                         | 5A (55Hz)                | 4.9850 A      | ~ 5.0150 A          | ( 5.0002 A ) ( 4.9998 A ) ( 4.9996 A ) ( 4.9996 A )             |
| 10A                                        | 10A (55Hz)               | 9.970 A       | ~ 10.030 A          | ( 10.000 A ) ( 10.000 A ) ( 9.999 A ) ( 9.999 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 ) ( 2.502 A ) ( 2.500 A ) ( 2.500 A )                 |
|                                            | 50A (55Hz)               | 49.850 A      | ~ 50.150 A          | ( 50.000 A ) ( 50.002 A ) ( 50.000 A ) ( 50.001 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          | ( 500.00 A ) ( 500.00 A ) ( 499.99 A ) ( 500.00 A )             |
| 有効電力〈P〉 *1                                 |                          |               |                     |                                                                 |
| (P1,P2,P3 - 3P4W4I) P4 - 1P2W x 4) cos Φ=1 |                          |               |                     |                                                                 |
|                                            |                          |               | *2                  | CH1 CH2 CH3 CH4                                                 |
| 150V 50A 150V 0A 0kW                       | 0.0000 kW                | ~ 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 )       | ( 0.3751 kW ) ( 0.3750 kW ) ( 0.3750 kW ) ( 0.3750 kW )         |
| 150V 50A 150V 50A 7.5kW                    | 7.4775 kW                | ~ 7.5225 kW   | ( 7.5006 kW )       | ( 7.5006 kW ) ( 7.5008 kW ) ( 7.5005 kW )                       |
| 無効電力〈Q〉 *1                                 |                          |               |                     |                                                                 |
| (P1,P2,P3 - 3P4W4I) P4 - 1P2W x 4) cos Φ=0 |                          |               |                     |                                                                 |
|                                            |                          |               | *2                  | CH1 CH2 CH3 CH4                                                 |
| 150V 50A 150V 0A 0kvar                     | 0.0000 kvar              | ~ 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 )     | ( 0.3751 kvar ) ( 0.3749 kvar ) ( 0.3749 kvar ) ( 0.3749 kvar ) |
| 150V 50A 150V 50A 7.5kvar                  | 7.4775 kvar              | ~ 7.5225 kvar | ( 7.5004 kvar )     | ( 7.5007 kvar ) ( 7.5006 kvar ) ( 7.5004 kvar )                 |
| 周波数特性〈Frequency characteristic〉            |                          |               |                     |                                                                 |
| (P - 3P4W4I) cos Φ=1                       |                          |               |                     |                                                                 |
|                                            |                          |               |                     | CH1 CH2 CH3 CH4                                                 |
| < U >                                      | 150V 150V (3kHz)         | 145.05 V      | ~ 154.95 V          | ( 149.77 V ) ( 149.81 V ) ( 149.81 V )                          |
| < I > *1                                   | 50A 50A (3kHz)           | 48.350 A      | ~ 51.650 A          | ( 50.009 A ) ( 50.003 A ) ( 50.020 A ) ( 50.020 A )             |
| < P > *1                                   | 150V 50A 150V 50A 22.5kW | 21.758 kW     | ~ 23.242 kW         | ( 22.428 kW )                                                   |

|                      |                   |                  |
|----------------------|-------------------|------------------|
| 総合判定〈Overall Result〉 | 検査者〈Inspected by〉 | 承認者〈Approved by〉 |
| ( PASS )             | ( )               | ( )              |

**検査成績表**  
〈TEST REPORT〉

2/2

製造番号〈Serial No.〉 ( No. 021016775 )  
検査年月日〈Test Date〉 ( 2020-05-22 )  
( <YYYY-MM-DD> )

| 項目<br>〈Item〉                          | レンジ<br>〈Range〉 | 入力<br>〈Input〉   | 許容範囲<br>〈Tolerance〉   | 表示値<br>〈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   | ( 149.99 V ) ( 149.99 V ) ( 149.99 V )              |
| <I> *1                                | 50A            | 50A             | 49.400 A ~ 50.600 A   | ( 49.994 A ) ( 49.993 A ) ( 49.995 A ) ( 49.995 A ) |
| <P> *1                                | 150V 50A       | 150V 50A 22.5kW | 22.230 kW ~ 22.770 kW | ( 22.496 kW)                                        |
| 20次                                   |                |                 |                       | CH1 CH2 CH3 CH4                                     |
| <U>                                   | 150V           | 150V            | 148.20 V ~ 151.80 V   | ( 150.05 V ) ( 150.06 V ) ( 150.05 V )              |
| <I> *1                                | 50A            | 50A             | 49.400 A ~ 50.600 A   | ( 50.030 A ) ( 50.030 A ) ( 50.033 A ) ( 50.034 A ) |
| <P> *1                                | 150V 50A       | 150V 50A 22.5kW | 22.230 kW ~ 22.770 kW | ( 22.517 kW)                                        |
| 30次                                   |                |                 |                       | CH1 CH2 CH3 CH4                                     |
| <U>                                   | 150V           | 150V            | 148.05 V ~ 151.95 V   | ( 149.95 V ) ( 149.97 V ) ( 149.96 V )              |
| <I> *1                                | 50A            | 50A             | 49.350 A ~ 50.650 A   | ( 50.010 A ) ( 50.007 A ) ( 50.015 A ) ( 50.016 A ) |
| <P> *1                                | 150V 50A       | 150V 50A 22.5kW | 22.208 kW ~ 22.792 kW | ( 22.485 kW)                                        |
| 40次                                   |                |                 |                       | CH1 CH2 CH3 CH4                                     |
| <U>                                   | 150V           | 150V            | 146.55 V ~ 153.45 V   | ( 149.84 V ) ( 149.86 V ) ( 149.85 V )              |
| <I> *1                                | 50A            | 50A             | 48.850 A ~ 51.150 A   | ( 49.983 A ) ( 49.978 A ) ( 49.991 A ) ( 49.991 A ) |
| <P> *1                                | 150V 50A       | 150V 50A 22.5kW | 21.983 kW ~ 23.017 kW | ( 22.451 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 °      | ( 0.28 ° )                                          |
| 40次                                   | 150V 50A       | 150V 50A 22.5kW | -13.00 ° ~ 13.00 °    | ( 2.38 ° )                                          |
| D/A Out                               |                |                 |                       |                                                     |
|                                       | -              | -5V             | -5.010 V ~ -4.990 V   | ( - V ) ( - V ) ( - V ) ( - V )                     |
|                                       | -              | 0V              | -0.010 V ~ 0.010 V    | ( - V ) ( - V ) ( - V ) ( - V )                     |
|                                       | -              | +2.5V           | 2.490 V ~ 2.510 V     | ( - V ) ( - V ) ( - V ) ( - V )                     |
|                                       | -              | +5V             | 4.990 V ~ 5.010 V     | ( - V ) ( - V ) ( - V ) ( - 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 propotion 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.>