

## HFG01 – Harmonics and Flicker Generator





## Specifications

|                  |   |
|------------------|---|
| Frequency Range  | 50Hz to 2kHz (40th harmonic) direct connection        |
| Output connector | Standard mains plug to mate with local test equipment |
| Dimensions       | 330mm x 320mm x 170mm                                 |
| Weight           | 4kg   |
| Power supply:    | 230Vac, 50Hz, 400W (maximum)                          |
| Indicators       | Thermal shutdown – red LED                            |

## Standard Order Kits

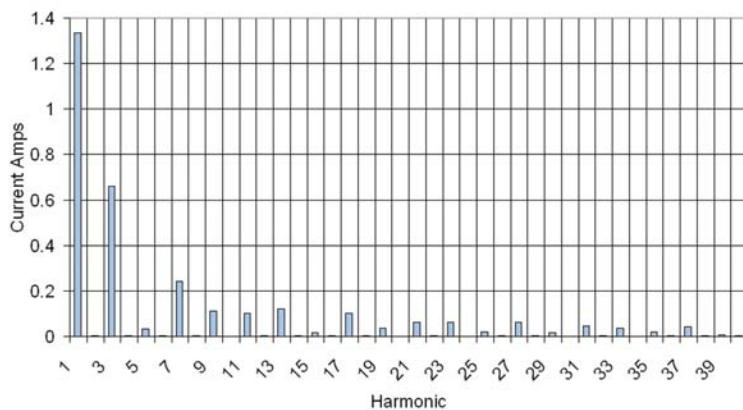
| Part Number | Description  | Parts Included  |
|-------------|--|---|
| HFG01KIT01  | Standard HFG01 harmonics and flicker generator kit | <ul style="list-style-type: none"> <li>● HFG01 harmonic and flicker generator</li> <li>● Standard test CAL12</li> </ul> |

## Output Measurement Results

|       |           |   |
|-------|-----------|---|
| CAL12 | Harmonics | Measurement of load current made according to EN61000-3-2 in Steady State and Fluctuating Harmonics modes. Fundamental (50Hz) to 40th harmonic. |
|       | Flicker   | Measurements of short term flicker (Pst) made according to EN61000-3-3 with disturbance at 1Hz and 8.33Hz rates                                 |

## Typical Output Measurement Results

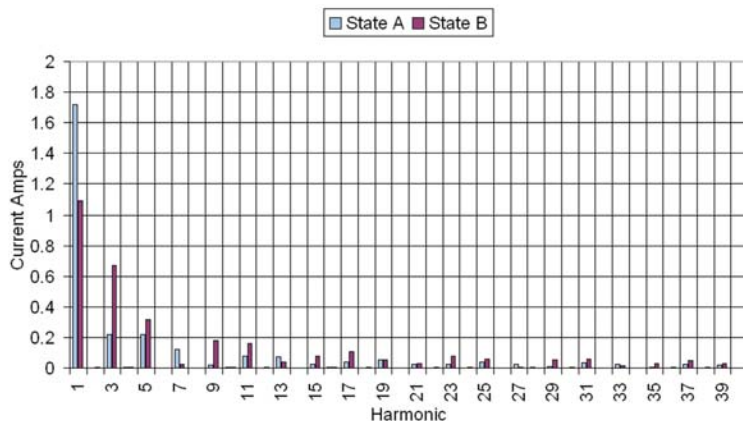
Steady State Harmonics



## Flicker

|             |            |
|-------------|------------|
| <b>Rate</b> | <b>Pst</b> |
| 1.0Hz       | 0.462      |
| 8.333Hz     | 1.235      |

Fluctuating Harmonics



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