SOFTWARE - AUTOMATION SERVICES

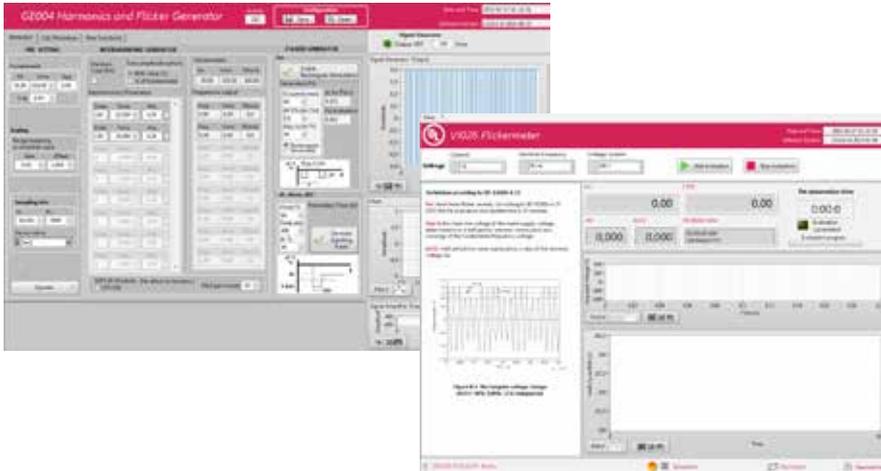# AUT SW GE004 Harmonics and Flicker Generator AUT SW VI026 Flickermeter

GE004 Generator of Harmonics and Flicker Main Window

GE004 Harmonics and Flicker generator is a software program that can be used together with a signal generator **4G10** (AUT HW 005) and the **VIHM** Voltage Inter-Harmonics Meter (AUT HW 006).

This program has been designed for the purpose of verifying harmonic and flicker test equipment. It provides an easy and reliable way to externally check the performance of the measurement system to the EN/IEC 61000-3-2 harmonics and EN/IEC 61000-3-3 flicker standards.

VI026 Flickermeter is a software program that can be used with **VIHM** (Voltage Inter-Harmonics Meter).

Having setup the calibration signal to the required depth and rate, the Flickermeter is used to make a 10 minute Pst measurement. For the points used on the theoretical curve, this result should give a value of one. The allowed tolerance for Flickermeters as defined in IEC 61000-4-15 is ± 5 % of reading.

AUT HW 005 4G10 4 Channels Signal Generator

AUT HW 006 VIHM Voltage Inter-Harmonic Meter

SOFTWARE KEY FEATURES & SPECIFICATIONS

- Main frequency 45-65Hz
- Inter-harmonics up to 9kHz
- Connection mode: USB
- Quick test setup and execution
- Collect, monitor, plot on graph and manage data
- Export data to other applications for presentation and analysis.
- Automatic Report generation

STANDARD REFERENCE

- EN/IEC 61000-3-2
- EN/IEC 61000-3-3
- IEC 61000-4-15

HARDWARE SUPPORTED

- 4G10 4 Channels Signal Generator (AUT HW 005)
- VIHM Voltage Inter-Harmonic Meter (AUT HW 006)
- Calibration services available

For more information or to try a demo, email Chiara.Marengoni@ul.com or Patrizia.Ardemagni@ul.com.