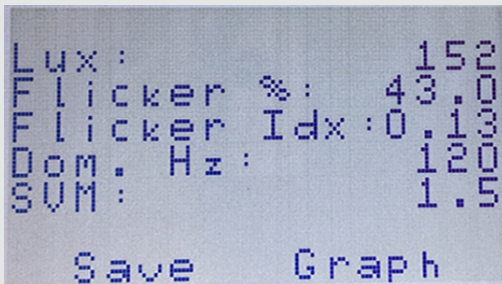# ILT710 Flicker Meter

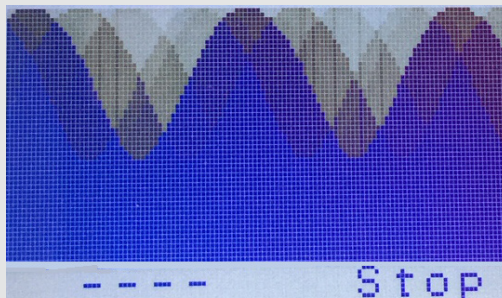## Hand-Held Lux/Illuminance Meter

Standard Features

- Easy to use, hand-held device
- CIE photopic human eye response
- 50 kHz sampling rate with instantaneous auto-ranging
- Excellent cosine response
- NIST Traceable / ISO17025 accredited calibration
- Stores readings that can be downloaded to a PC
- Memory storage for 1000 measuring points
- Full flicker analysis
  - Flicker %
  - Flicker Index
  - Flicker Frequency (up to 3kHz)
  - Stroboscopic Visibility Measure (SVM)

MEASUREMENTS

Full Flicker Analysis

Intensity Over Time Graph

APPLICATIONS

The ILT700 is perfect for detecting flicker in applications including:

- Schools
- Hospitals / Healthcare Facilities
- Elderly Care Homes
- Sports Arenas
- Industrial / manufacturing areas

DESCRIPTION

Take the headache out of flicker measurements with the ILT710. The ILT710's fast sampling rate with instantaneous auto-ranging capability allows you to take flicker measurements in real time by simply walking around a space. No need to "capture" measurements. The ILT710's remote sensor has excellent cosine response and results can be viewed as numeric or graphical units on the display.

Flicker, caused by visible and invisible modulation of a light's output, can have adverse health and safety effects on people exposed to it. The ill effects of flicker include headaches and fatigue, and in extreme cases can trigger seizures or behavior shifts in autistic children. Visually, flicker can cause disruptions when captured on high definition screens. Occupationally, flicker can also be dangerous and cause injury due to the stroboscopic effect that makes rapidly moving objects appear stationary, such as blades or rotors.

The ILT710 is an economical light meter that's perfect for any technician or site auditor's toolbag. The device comes with an ISO17025 accredited calibration, for results you can rely on.