FAS 21 Flicker Analyzing System - Setup Accesories

FAS 21.Basic

- ✓ L-40.2 Photocurrent meter & LH22.2-f10 Photopic measuring head [1]
  - ✓ Illuminance measuring range: 2 – 80 000 lx [1]
- ✓ SSL Flicker-sw[2]
- ✓ Transportation box: 20cm x 30cm x 40 cm, 2kg

FAS 21.Standard

FAS 21. Basic + following items:

- ✓ Stray light tube with Aperture 36/58 (FOV 24°…30° / 42°…48°) [3]
- ✓ Aluminum plate thread adapter for tripod (3/8”-16 UNC and 1/4"-20)
- ✓ Black anodized Al profile 20x20 - length 35cm
- ✓ Transportation box: 20cm x 30cm x 40 cm, 3kg

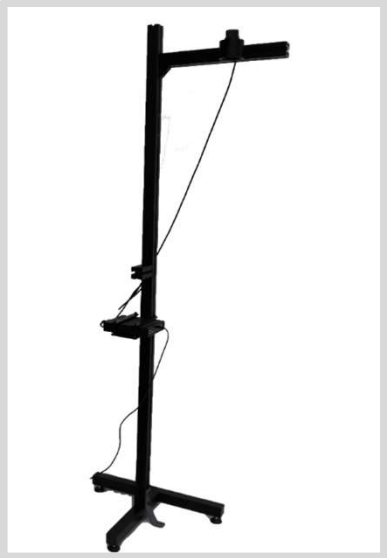
Note: The tripod is not included

FAS 21.Premium

FAS 21. Basic + following items:

- ✓ Stray light tube with Aperture 36/58 (FOV 24°…30° / 42°…48°)
- ✓ Al profile stand with larger 60cm extender for measuring in horizontal and vertical direction
- ✓ Photocurrent meter holder.
- ✓ Transportation box: 40cm x 40cm x 130 cm, 15kg

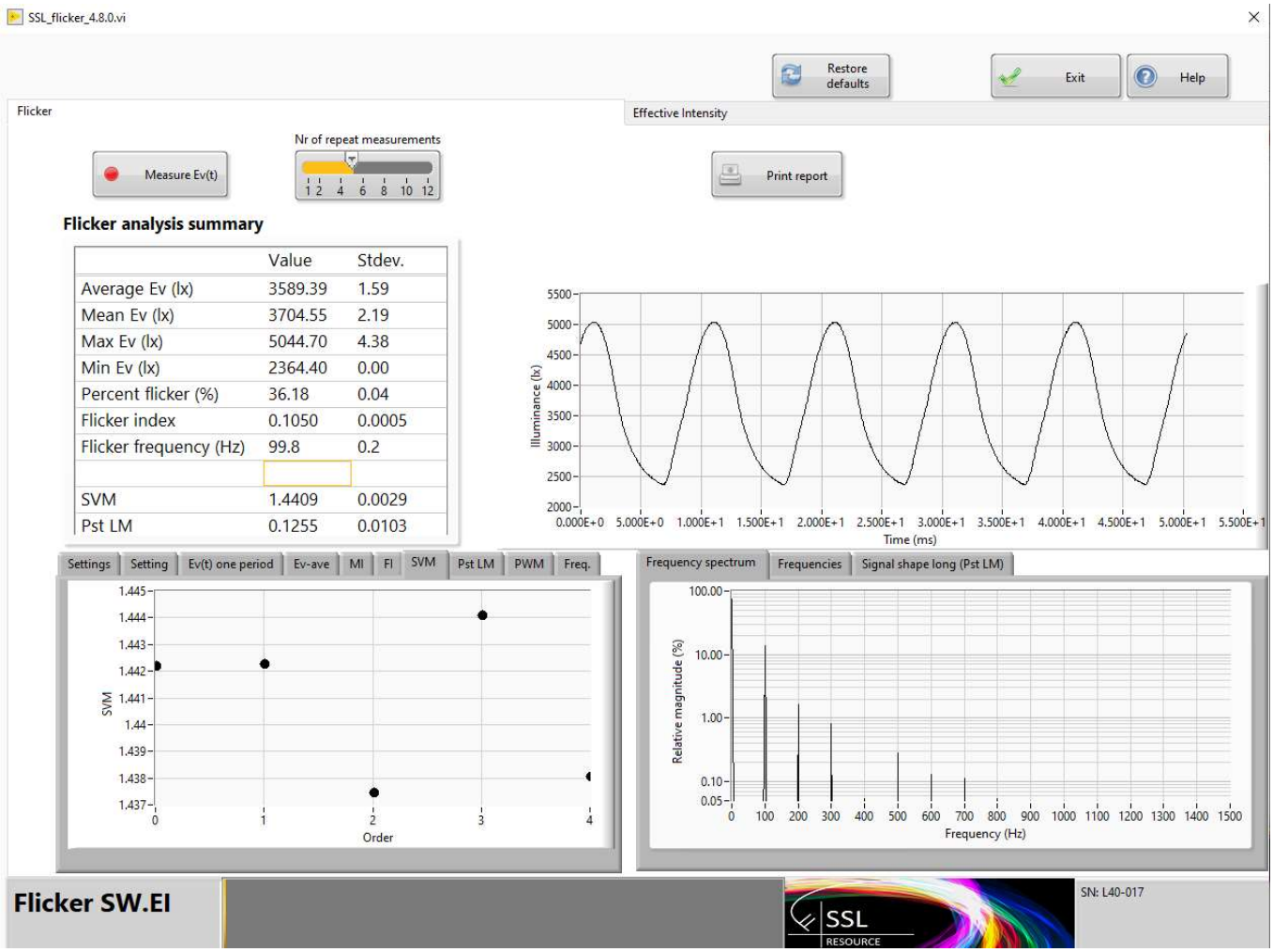
Horizontal measurement direction



Vertical measurement direction e.g. from a lamp on the top of the table

[1] *Standard set of flicker photometer, can be replaced by other photocurrent meter and photopic measuring head.*
[2] *Optional: AC Power supply integration for Flicker-sw for power-line flicker simulation (IEC TR 61547-1)*
[3] *Field-of-view (FOV) depends on the aperture mount position and orientation in the stray light tube.*

SSL Flicker-sw
Standalone test flicker software



Features:

- ✓ Measuring time: SVM 1s, PstLm 1-5min.
- ✓ Average values and standard deviation of repeat measurements
- ✓ Graphical representation of repeat measurements for each parameter
- ✓ Single time period signal waveform
- ✓ SVM: Frequency Harmonics in a graph and in a table
- ✓ Detects automatically if PWM is in use and shows its duty cycle (%) in the summary table.
- ✓ Pass/Fail analysis for SVM/ P_{st}^{LM} and flicker risk classification (IEEE 1789)
- ✓ Editable Reports in pdf/html formats
- ✓ Exporting of individual graphs into Excel/Clipboard/image file