

ACC Flicker

Flicker meter

ACC Flicker is a modern and miniature flicker meter, which is available in two different versions: one for lamp measurement and one for display measurement. It will be operated with the PC software JETI VersaFlic.

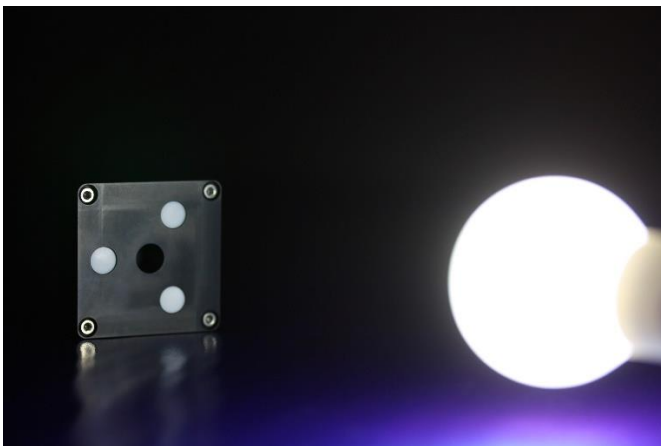
Advantages:

- Compact solution
- Applicable to lamps/ luminaires as well as displays (different versions)
- Easy to handle

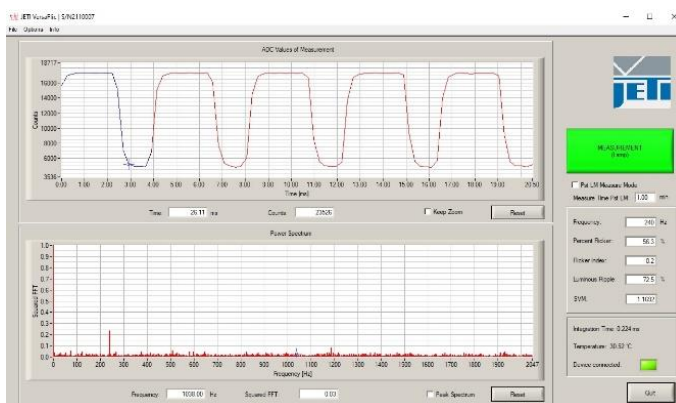
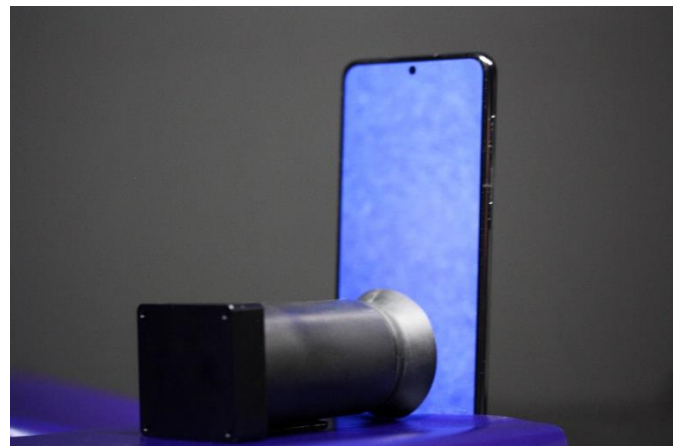
Examples for applications:

- Measurement of lamps and luminaires
- Measurement of displays and projectors
- Tests according to EC regulations

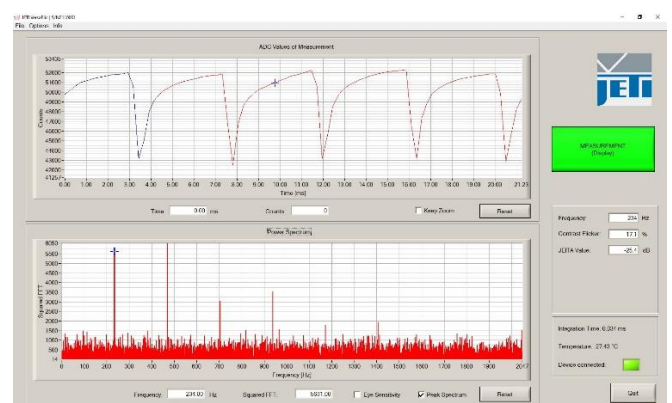
ACC Flicker Lamp



ACC Flicker Display



Screen shot of a lamp measurement



Screen shot of a display measurement

Specifications

Versions

ACC Flicker Lamp (Illuminance mode)
ACC Flicker Display (Luminance mode, with straylight protection tube)

Measuring values

ACC Flicker Lamp

Frequency, % Flicker (IESNA), Flicker index, Luminous ripple, SVM,

P_{st}^{LM} (measuring time 1 ... 10 min)

ACC Flicker Display

Frequency, Contrast flicker, JEITA value

Measuring ranges

Frequency

10 ... 500 Hz

Flicker

0 ... 100 %

ACC Flicker Lamp

20 ... 20 000 lx

ACC Flicker Display

20 ... 4000 cd/m²

Sampling Rate

60 kHz

Measuring accuracy

1 ... 3 %, depending from source and measuring value

Additional information

Sensitivity

According to V(λ)

Measuring spot

ACC Flicker Lamp

3 x 8 mm diameter in pitch circle of 30 mm diameter

ACC Flicker Display

10 mm diameter in 65 mm distance

Power supply

USB powered

Interface

USB 2.0 fullspeed

Dimensions

ACC Flicker Lamp

46 mm x 46 mm x 36 mm

ACC Flicker Display

46 mm x 46 mm x 120 mm (incl. straylight protection tube)

Weight

ACC Flicker Lamp

56 g

ACC Flicker Display

140 g

Operating conditions

Temperature 10 ... 40 °C

Humidity < 85 % relative humidity at 35 °C

Accessories (included)

PC software JETI VersaFlic for Windows 10/11,
operating instructions including firmware commands,
USB cable, tripod, transport box