

VIEWING ANGLE SERIES

# VCPROBE-VIS



## OVERVIEW

The **VCPROBE-VIS** series allows testing of small displays (2" or less) as well as your biggest TV (up to 150") for evaluation of viewing angle as well as uniformity luminance & color characteristics. Can fit on your production line with a robotic arm.

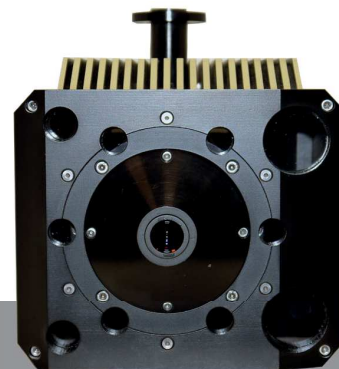


## FEATURES

- Viewing angle luminance & color measurement
- Resolution : 0.03°/CCD pixel
- On axis spectral data
- Fast measurements
- Absolute proximity sensing for screen detection

## APPLICATIONS

- For mass production & QC
- For flat, curved & flexible displays
- High versatile, from small to large TV sets



MORE DETAILS

# TECHNICAL FEATURES

Specifications		VCPROBE-VIS
Viewing angle	Incident angle Azimuth angle	0-60° - 0-70° or 0-80° 0-360°
Accuracy	Luminance Color (x,y)	±3% or less ±0.002
Performances	Angular resolution Sensor Angular optical resolution	0.03°/CCD pixel (VCPROBE 60)* 14 bits <0.5°*
Maximum display size		from 2" to 150" (depending on model)
Measurement time	One luminance measurement One color measurement	< 25 < 25
Luminance range	Minimum (cd/m²) Maximum (cd/m²)	0.0001 10 <sup>5</sup> cd/m²

Specifications can be change without notice

(\*) The system's resolution must be considered according to the effective optical resolution.

## SIZES & PLAN DIMENSIONS

VCPROBE-VIS OUTER DIMENSION (UNIT MM)

