

Optical calibration system

► Illuminance, Luminous Intensity Calibration System / NeoOptiCal 5100

- Automatic/ manual calibration of photocells, light sources and lux/luminance meters
- Calibration of linearity, sensitivity, color temperature, filter, - spectral responsivity etc.
- Technology developed by KRISS



► Luminance, Colorimeter Calibration System / NeoOptiCal 5200

- Precision calibration system for Luminous, color coordinate of light source and instruments
- Measurement of luminance and color coordinate at various angles by rotation stage and mount
- Technology developed by KRISS



► Total Optical Calibration System / NeoOptiCal 5300

- Calibrate luminous intensity, illuminance, luminance and chromaticity of instrument for measure LED light source
- Automatic calibration system
- Technology developed by KRISS

► Solar Simulator Calibration System / NeoOptiCal 7000

- Fully automatic calibration system
- Measurement of Spectral Uniformity
- Measurement of Spectral Response
- Measurement of Spectral mismatch
- Measurement of various types of solar cells
- Robust and highly stable optical system
- Highly precision control system
- High speed serial communication with PC (RS-232) for remote control
- Easy MS Windows based application software



► Plasma Analysis and Control System / PACS 2000



- Plasma Analysis and Control System
- Rugged and stable optical system
- Light intensity measurement
- Real-time plasma intensity monitoring and data communication
- On-line process control
- PACS2000 can be used for LCD, semiconductor fab Optical components process line Light measurement laboratories, etc.
- Interface signals : RS-485(control & data), 4-20 mA(signal),
- User settable PLC/relay (signal) output by 4-steps
- Measurement wavelength can be set up according to production environment and process
- Centralized control via network
- Minimizes interference of external light using special optical system
- Plasma trend analysis of production process
- Rugged and compact case for easy mounting in equipments
- Flexible optical system using silica optical fiber ? easy installation
- Precision signal measurement and data process using built-in microprocessor
- Easily expandable up to 8 channels
- 4-20 mA analog signal output
- Multichannel signal inputs (optional) : 1 channel (std), 2-4 channels (optional)
- High speed : ms - us signal acquisition
- Measurement range : 10 mA ~ 10 pA
- Detector module : High precision UV enhanced photodiode
High accuracy temperature sensor
- Signal processing : 12-24 bit digitalization
- Alarm signal and status value setting : HH, H, N, L, LL

