

IMPROVEMENT DESIGN OF UV IRRADIANCE MONITOR SYSTEM

ABSTRACT

The present invention provides an improvement design of UV irradiance monitor system. The major concept is to install the detecting components of UV irradiance monitor system on rotational device synchronously, instead of installing on external fix housing. By connecting the fibers which directly installed through the holes of secondary reflector with the microprocessor of UV irradiance monitor system, the detecting components can rotate synchronously with rotational device. Thus it can provide real-time & full-time monitor to UV irradiance signal & real-time response during system running production, and can decrease the failure rate of product caused by decay of UV irradiance.

Figure 9.