WAVELENGTH-TUNABLE FIBER OPTIC LIGHT SOURCE AND OVERLAY MEASUREMENT DEVICE WITH SAME

ABSTRACT

A wavelength-tunable fiber optic light source and an overlay measurement device including a wavelength-tunable fiber optic light source are provided. A wavelength-tunable fiber optic light source may include a broadband light source configured to emit light; a light source housing to receive the broadband light source, wherein in the light source housing, a first window and a second window through which the light emitted from the broadband light source passes are formed; a first variable filter configured to adjust a wavelength band of a first illumination; a second variable filter configured to adjust a wavelength band of a second illumination; and a fiber combiner including an output port through which a combination of the first illumination and the second illumination is output.

[Figure 1]