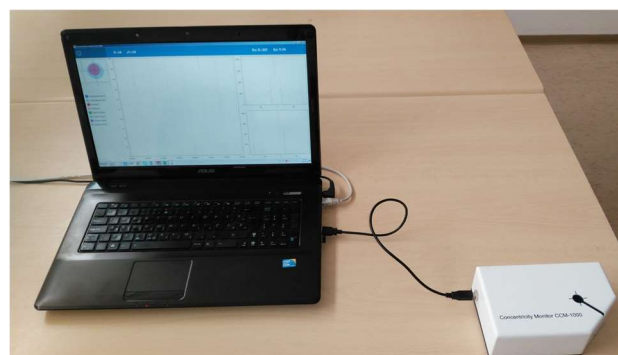
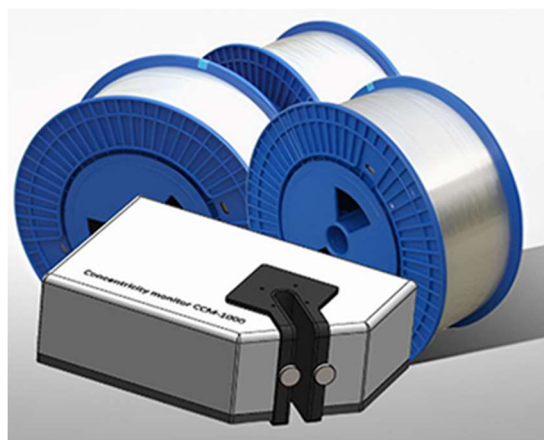


BIMESPRO CCM Coating Concentricity Monitor

Introduction

CCM1000 series monitors measure and display fiber coating concentricity errors during the fiber drawing process, using two fast CCD cameras to capture and analyze scattering patterns of the light beams projected on fiber by two laser diodes, positioned at 90° to each other.



Coating Concentricity monitor characteristics

Fast algorithm permits real time evaluation of coating to fiber non-concentricity, showing also the angle at which the maximum of non-concentricity occurs. With up to 140 frames per second camera speed, CCM can replace traditionally used optical beam and screen concentricity monitor and provide relevant process information at draw line speeds over 2500 m/min.

Options

- CCM for special fibers
- CCM for high speed drawing
- CCM for high speed drawing (uni-planar camera position)