



MEMBER OF THE NYNOMIC GROUP

A selection of our OEM components as a basis for fast and efficient product development

Spectrometer

Avantes is a part of our group of companies. Avantes has more than 25 years of experience in fiber optic spectroscopy and is one of the leading innovators in the development of fiber optic spectroscopy instruments and systems with an installed base of over 20,000 systems.

Avantes spectrometers enable measurements in ultraviolet, visible and near-infrared wavelengths from chemical composition and quantification to color measurement and radiometry. Avantes spectrometers, light sources and fiber optic sampling accessories provide basic technology for spectroscopy and material characterization.

As an example, we present the spectrometers of the CompactLine. These mini spectrometers are barely bigger than a card deck, very powerful and easy to integrate. In the field of laboratory automation, Spectrometers of the CompactLine can be the basis for assessing the hemolytic or icteric status of a sample, even if the tube is labelled all around without windows.



AvaSpec-Mini-NIR

Miniature NIR fiber-optic spectrometer, 900-1750nm, 75 mm focal length, 256 pixel InGaAs detector, USB2 powered interface



AvaSpec-Mini4096CL

Mini fiber-optic spectrometer, 200-1100nm, 75 mm focal length, 4096 pixel CMOS detector, USB 2 powered interface, including DCL

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