

What are mini-spectrometers? Mini-spectrometers are small spectrometers (polychromators) with an integrated optical system, image sensor, and driver circuit. They are portable devices that make ...

Optosky ATP1XXX features coin-sized spectrometer ranging 180-1100nm uv enhanced spectrometer at a resolution of 0.2-5nm, super high sensitivity for low concentration measurement.

Ultra compact miniature spectrometers and fiber-coupled mini spectrometers for portable applications in the 180 - 1700 nm range

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Since the early 1990s, miniaturized optical spectrometers based on a wide variety of designs and working principles have been demonstrated, with a range of operational spectral bands ...

Mini-spectrometers are compact polychromators in which a linear image sensor is arranged on the focal plane of the focusing lens/mirror. To make mini-spectrometers compact and portable, the focal ...

Mini-spectrometer TF series, Compact and thin, built-in high-sensitivity CMOS image sensor...

This article provides the specification of various ILT spectrometer models and explains how we quantify these specs to help our customers select the best solution for their specific application through better ...

Based on an enhanced VS70 optical engine and a newly designed, monolithic single board ultra-quiet 18-bit data acquisition system, this "smart" spectrometer system boasts a dynamic range of more ...

The miniature DWARF-Star NIR spectrometer is ideal for process analytical technology for industries such as food and drug, chemical, oil and gas, and plastics. The DWARF-Star's ...

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