

# **POF Active Spectrometer**





## POF Active Spectrometer

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### **Q Exactive HF-X Hybrid Quadrupole-Orbitrap Mass Spectrometer Support**

Q Exactive HF-X Hybrid Quadrupole-Orbitrap Mass Spectrometer Support Explore our "Getting Started" and "Troubleshooting" sections for solutions to top inquiries and common problems. Browse through

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### **Towards the development of cascaded surface plasmon resonance POF**

Abstract The possibility of developing a multichannel optical chemical sensor, based on molecularly imprinted polymers (MIPs) and surface plasmon resonance (SPR) in a D-shaped

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### **A Complete Optical Sensor System Based on a POF-SPR Platform**

Here, the first example of the POF-SPR biosensor with a flow cell system for selective detection of a specific biological target (analyte) is presented.

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### **Development of a single sphere neutron spectrometer using $^{252}\text{Cf}$ -Al**

Irradiating each sphere one by one is tedious and consumes a lot of time. Therefore, a new design has been attempted by developing a multi-shell single sphere moderating assembly. In



### **The Q Exactive HF, a Benchtop Mass Spectrometer with a Pre-filter,**

The quadrupole Orbitrap mass spectrometer (Q Exactive) made a powerful proteomics instrument available in a benchtop format. It significantly boosted the number of proteins analyzable per hour

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### **Alpha Particle X-Ray Spectrometer (APXS) On-board Chandrayaan-2**

Abstract Alpha Particle X-ray Spectrometer (APXS) is one of the two scientific experiments on Chandrayaan-2 rover named as Pragyan. The primary scientific objective of APXS is to determine

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### **Compact Spectrometer Design as WDM- Element in POF**

Alle Studiengänge Brotkrumennavigation Start Projekte und Publikationen Compact Spectrometer Design as WDM-Element in POF-Communication Journalartikel Wissenschaftlicher Artikel

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## Side-Polish Plastic Optical Fiber Based SPR Sensor for Refractive

In this work, a simple side-polish plastic optical fiber (POF)-based surface plasmon resonance (SPR) sensor is proposed and demonstrated for simultaneous measurement of refractive index (RI) and

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## Simulation of a Rowland spectrometer for optical communication over POF

It contains a presentation of different measuring methods for POF with a list of current standards and an overview of active and passive components for POF systems with a

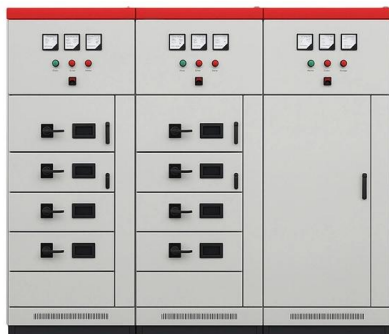
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## A review on simple and highly sensitive plastic optical fiber probes

POF-based sensor probes can be effectively combined with chemical and biological receptors, for example as a substitute for complex optical selective sensors, with the advantages of

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## Recent advances in porous organic framework-based aptasensors for

To date, a good number of reviews have addressed the synthesis of POF-based sensors and biosensors and their potential applications. However, none of them have focused on the recent

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### **(PDF) A scintillating fiber imaging spectrometer for active**

To address this, we present a compact scintillating fiber imaging spectrometer based on the tomographic reconstruction of proton energy deposition in a layered fiber array.

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### **Side-Polish Plastic Optical Fiber Based SPR Sensor for**

In this paper, a simple POF-based SPR sensor is proposed for simultaneous measurement of RI and liquid level. The sensor probe comprises a

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### **Q Exactive Orbitrap Mass Spectrometers (MS)**

Go from compound discovery to quantitation without relying on different instruments and technologies with a HRAM Q Exactive hybrid quadrupole orbitrap mass

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### **An active Bonner sphere spectrometer for intense neutron fields**

Active (or direct-reading) detectors used for detecting thermal neutrons in BSS may be largely disturbed when used in intense neutron fields, possibly accompanied by intense

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### **An active Bonner sphere spectrometer**



capable of

A Bonner sphere spectrometer (BSS) was developed compensating for the lack of active BSSs for intense neutron field characterization. The

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### Simulation of an Rowland spectrometer for optical communication

Fig. 1 Principle and attenuation of POF in the visible range or these reasons, POF is already applied in various applications sectors. Two of these fields are described in

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### Thermo Scientific Q Exactive Plus Orbitrap LC-MS/MS System

The Thermo Scientific™ Q Exactive™ Plus benchtop LC-MS/MS combines high-performance quadrupole precursor selection with high-resolution, accurate-mass (HR/AM) Orbitrap™ detection to

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### Optical-fibre-based SPR sensors (SPR-POF)

The surface plasmon resonance polymer optical fiber (SPR-POF) technology can be used for remote sensing and can be developed as a small-sized portable assay platform.

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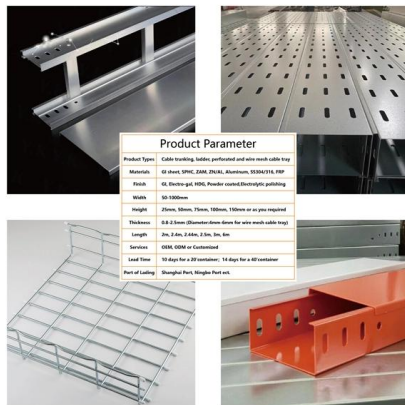




## A scintillating fiber imaging spectrometer for active characterization

Home > Publications database > A scintillating fiber imaging spectrometer for active characterization of laser-driven proton beams  
Information Files Holdings

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## Advances in plastic optical fiber bio/chemical sensors to realize point

The recalled POF bio/chemical sensors can be monitored by simple and low-cost configurations, such as a white light source and spectrometer or LEDs and photodetectors.

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## Q Exactive HF-X Hybrid Quadrupole-Orbitrap Mass Spectrometer Support

Q Exactive HF-X Hybrid Quadrupole-Orbitrap Mass Spectrometer Support - Getting Started  
Find valuable information. Optimize your experiments to get the best results. We've compiled a detailed

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## Compact Numerical Aperture 0.5 Fiber Optic

The numerical aperture of the spectrometer is crucial for weak signal detection. The transmission lens-based configuration has more optimization

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### **Independent emission spectra of different fluorescent dyes based**

Develop a sensitive, quasi-distributed polymer optical fiber sensor using Surface Plasmon Resonance (SPR) technology. Distinct emission peaks of Ag/PtOEP, Ag/PdTFPP and Ag/ [Ru (dpp)

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### **Q Exactive(TM) Plus Hybrid Quadrupole-Orbitrap(TM) Mass**

Take Quanfirmation(TM) to the next level. The Thermo Scientific(TM) Q Exactive(TM) Hybrid Quadrupole-Orbitrap(TM) Mass Spectrometer introduced the revolutionary concept

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### **Q Exactive HF Hybrid Quadrupole-Orbitrap Mass Spectrometer**

Q Exactive HF Hybrid Quadrupole-Orbitrap Mass Spectrometer Support - Getting Started Find valuable information. Optimize your experiments to get the best results. We've compiled a detailed knowledge

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### **The Active Temperature, Ozone and Moisture Microwave Spectrometer**

The Active Temperature, Ozone and Moisture Microwave Spectrometer (ATOMMS) is designed to observe Earth's climate. It extends and overcomes several limitations of the GPS radio

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## First test of SP2: A novel active neutron spectrometer condensing the

This communication concerns a new spherical spectrometer, called SP<sup>2</sup>, which condenses the functionality of an Extended Range Bonner Sphere Spectrometer (ERBSS) into a

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