光能科技
PHOTONICS TECHNOLOGIES

科 学　探 索　严 谨　创 新
SCIENCE EXPLORATION PRECISION INNOVATION

Pure^{n}-B H_2S

高纯度气体微量H_2S分析仪

Trace Hydrogen sulfide Analyzer for Ultra-High Purity Gases

产品简介 Introduction

Pure^{n}-B H_2S 分析仪是一种结构简单、性能优越、适用范围广、价格较低的超高灵敏度分析装备，其核心技术是光腔衰荡光谱技术（简称 CRDS 技术），CRDS 技术决定其是一种绝对测量方法，测量可靠，精准，同时不需要校准，使您从繁琐的传感器维护、跨度校准、更换硬件中解脱出来。

The Pure^{n}- B H_2S Analyzer is an ultra-sensitive analysis instrument with a simple structure, superior performance, wide dynamic range and low price. The core technology is optical cavity ring-down spectroscopy (CRDS). CRDS technology is an absolute measurement method, the measurement is reliable and accurate, and does not require calibration at the same time. The analyzer can free users from cumbersome sensor maintenance, hussle calibration procedure, and replacement of hardware.

- **Pure^{n}-B H_2S 分析仪测量气体多样性，高纯 N_2、高纯 SF_6 等背景气体中的微量 H_2S 均可测量。**

  The Pure^{n}-B H_2S analyzer can measure many kinds of gases, trace HF in nitrogen(N_2) and sulfur hexafiuorife(SF_6) can all be measured.

- **内蒙古光能科技就在您的身边，可为您量身定做微量组份检测仪器，提供专业的售前维护，执行严格的检验标准，优质快捷的售后服务，真正做到您身边的气体分析专家。**

  Inner Mongolia Photonics Technologies Co. is right by your side. Our company could custom-made analyzers for you. We provide professional pre-sales consultation, implement strict inspection standards, and provide customers with quick and high quality after-sales service.

产品特点 Features

ppb 级的测量精度
Parts per billion（ppb）moisture detection capability in an array of gases

测量范围较宽
Wide dynamic range - over four orders of magnitude

实时响应速度
Real-time response

绝对测量（免于校准）
Absolute measurement

抗腐蚀性
Corrosive resistance

不间断测量
Continuous measurement

使用成本低、气体消耗量低、操作简单
Low cost of ownership, low gas consumption and operational simplicity

应用领域 Applications

电力系统
Power System Analysis

气体制造工业
Gas Manufacturing Industry

国家计量系统
National Metrology Institutions

科研机构
Scientific Research Institutions

性能规格 Detection Capability

被检气和背景气 Detection and Matrix	测量范围 Range	测量下限 Lower Detection Limit	灵敏度 Sensitivity
H_2S in N_2	0–1000ppm	50ppb	40ppb
H_2S in SF_6	0–800ppm	70ppb	50ppb

请与我们联系了解其他气体中H_2S的测量范围及灵敏度 Please contact us to find out the range and sensitivity of H_2S in other gases.

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