Multi-Channel Spectrum Analysis Probe

This multi-channel spectrum probe is designed for accurate spectral analysis. It is used in research applications such as dividing strata and differentiating oil zones from water zones.

Overview

Precision Spectral Analysis

The Multi-Channel Spectrum Analysis Probe is a high-performance instrument designed for accurate spectral measurement across a wide range. Featuring robust construction and advanced components, it delivers high sensitivity and consistent signal quality for demanding research and quality control environments. Its versatile design allows for seamless integration into existing spectroscopy and optical measurement systems.

Performance Metrics

Measuring Range

0.3 Mev	3 Mev
Min Range	Max Range

Resolution (C137s)	15 %
Dead Time	< 50$s
Max Stability Error	5 %

Linearity

Nonlinearity Specifications

Parameter	Value
Integrated Nonlinearity	d 2%
Differential Nonlinearity	d ±5%

Technical Details

Time Count Range Options

- 4s
- 12s
- 20s
- 28s
- 36s

Stable Spectrum Source	133Ba, 5$i
Max Pressurization	20 Mpa

Dimensions

Probe Dimensions

Component	Dimensions (mm)
Main Probe	Æ45×1330
Probe 1st	Æ40×800
Probe 2nd	Æ65×800