

Neutron Combined Probe

The neutron combined probe is a precision instrument for neutron detection and measurement. Its robust construction ensures durability and accurate neutron flux determination.

www.dshing.com



Overview

Precision Neutron Detection

The Neutron Combined Probe is a specialized instrument engineered for high-precision neutron detection and gamma ray measurement. Designed for durability and performance, it features robust construction suitable for demanding operational environments. With high sensitivity and low background noise, this probe ensures accurate data acquisition for critical monitoring and research applications.

Technical Specifications

Neutron Counting Range

10000 cps

Neutron Counting Range

Measuring Parameters

N-N, Natural Gamma

Neutron Activated Source

241Am-9Be, 1Ci

Proportional Counter

3He

Gamma Ray Detection

Gamma Counting Range

32000 cps

Gamma Counting Range

Scintillating Material

NaI(Tl), 123x60mm

Photomultiplier Tube Type

GDB23

Gamma Measuring Range

>30Kev

Physical and Environmental

Dimensions & Pressure Ratings

Dimension	Pressure Rating	Weight
Æ45x2050m	d 20mpa	7.8kg
Æ50x2000m (3000m)	d 30mpa	8.6kg

Operating Temperature

-10°C to +60°C