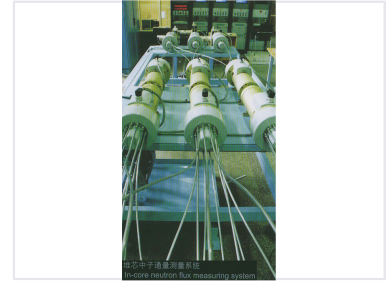


In-Core Neutron Flux Measuring System

This system is designed for accurate and reliable neutron flux measurements within nuclear reactors. Multiple detector assemblies are mounted on a robust frame, each featuring multiple sensor cables extending from the detector heads.



Overview

Precision Neutron Flux Monitoring

The In-Core Neutron Flux Measuring System is engineered for high-accuracy and reliable monitoring of neutron flux distribution within nuclear reactor cores. This system utilizes advanced detector assemblies mounted on a robust frame, ensuring stability and precision during critical measurement operations. Designed for integration into demanding nuclear environments, it provides essential data for reactor core analysis and safety monitoring.

Technical Specifications

Key Features

- Robust mounting frame
- Multi-sensor detector head configuration
- Integrated control and monitoring interface

Primary Application

Nuclear reactor core neutron flux distribution measurement

Component Type

In-core Detector Assembly, Sensor Cables, Control Electronics