

# **ER-RTINS Railroad Track Inertial Survey System**

## **Introduction**

ER-RTINS Railroad Track Inertial Survey System is a inertial sensor based precise surveying instrument which is the core component of portable Railroad Track Detecting System. It can realize the precise coordinate measurement of the end face and the middle line, and precise geometry parameter measurement of railroad track smooth-going characteristic (high and low, railroad track direction), gauge, ultra-high, triangle pit and the measurement accuracy of railroad track smooth-going characteristics is up to the millimeter grade. With high reliability, high precision, easy operation, it is successfully exported to European countries.

## **Features**

Accuracy of submillimeter measurement

High precision long side railroad track smooth-going characteristic measurement

Recognition and processing technology in the special situation

A lot of interface choices

## **Application**

Railway track survey