

Profile Projector for Dimensional Analysis

This profile projector is a precision optical instrument for non-contact measurement of small parts. It features a high-resolution projection system and a precision stage with accurate positioning controls for detailed examination.



Product Overview

Precision Dimensional Analysis

The T8210D Profile Projector is a high-precision optical instrument engineered for non-contact measurement and detailed inspection of small components. Featuring a high-resolution projection system and a precision-controlled stage, it allows for accurate dimensional analysis of complex workpiece profiles. This system is an essential tool for quality control, manufacturing, and research environments requiring strict adherence to tolerances.

Technical Specifications

Stage Positioning

- Precision X-axis control
- Precision Y-axis control
- Accurate positioning mechanism

Imaging System

High-resolution projection • Built-in light source

Measurement Capability

Non-contact measurement, Dimensional analysis, Profile inspection

Applications

Primary Applications

- Quality control
- Research and development
- Manufacturing inspection