

# 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