

## AGT400 Thickness Measurement and S.P.C. Reporting System

### Introduction

The AGT400 Thickness Measurement and S.P.C. Reporting System is designed specifically for the metals industry. It provides fast and reliable thickness measurements and S.P.C. reporting for strip and sheet material, using the latest in computer technology. Direct benefits realized through these measurements include documented compliance with ISO9002, QS9000, and other quality specifications, improved process control, increased productivity, and scrap reduction. The standard system also provides disk storage and easy recall of all coil S.P.C. information, which eliminates your need to maintain large files of printer paper for long-term record-keeping purposes.

### Principle of Operation

This equipment operates according to the scientific principle that a low power radiation beam is absorbed by matter at a rate varying with its composition and thickness. As the material passes between the radiation source and detector, thickness variations cause measurable changes in the amount of radiation reaching the detector head. The system is calibrated based on these variations, allowing it to provide continuous, high speed, non-contact, accurate and reliable thickness measurements.

