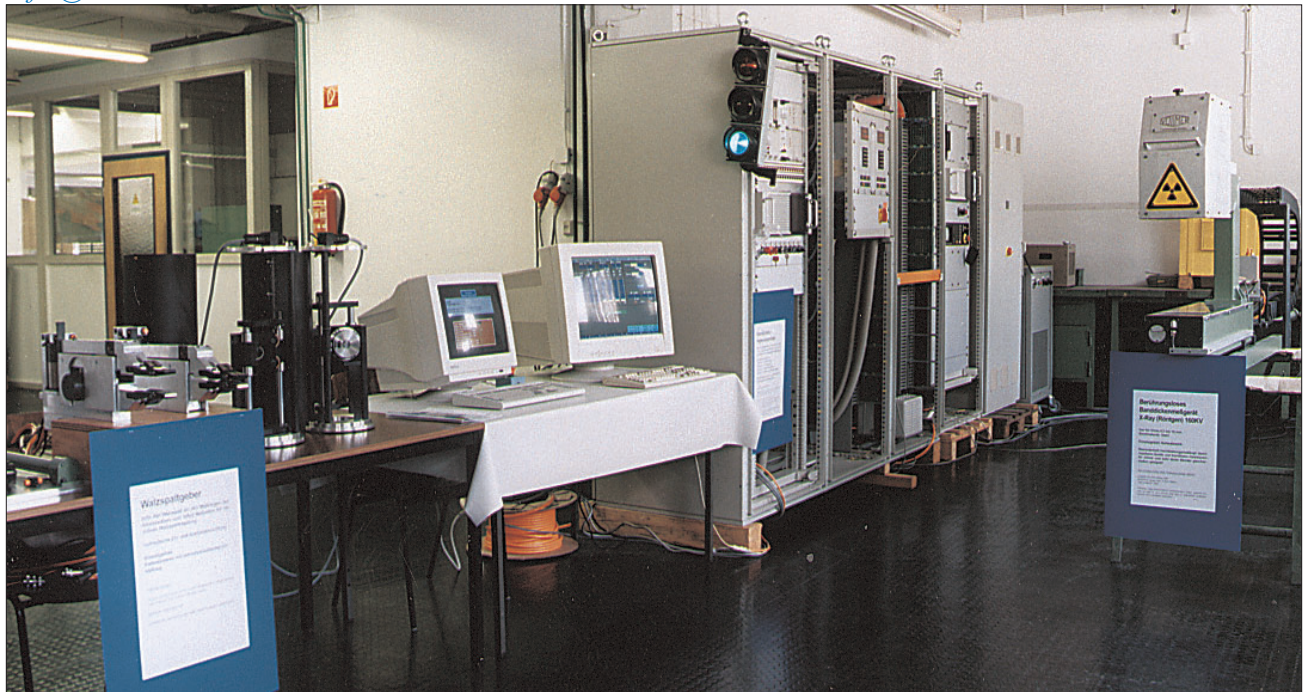


# Strip Thickness Control



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## Automatic Strip Thickness Control System

This control system for a steel cold rolling mill was exhibited with strip thickness gauges, strip speed gauges, roll gap sensors and roll position sensors. It has multiple interchangeable controlling devices thus reducing downtime to the minimum.

From left to right: Cabinet 1 = PC-Control  
Cabinet 2 + 3 = Correction element controlling  
Cabinet 4 = Measurement data reading  
Cabinet 5 = X-ray control

Components of a Vollmer Strip Thickness Control System on PC-Basis

- direct roll gap control
- position control
- feed back control
- feed forward control
- mass flow control
- roll force control
- breakdown level control
- roll gap sensor
- position sensor
- strip speed gauge