

Automatic Gaging Equipment

Requirement Several gaging instruments measure physical attributes of products at the corporate research center.

Data collection was tedious and slow. Data from the gages was manually entered. Collating data from various instruments into a single product record was prone to error.

Solution AEC developed an Automatic Gaging System.

Serial port multiplexer collects data from gages equipped for serial output.

Analog inputs collect data from analog equipped gages.

Bar Code Reader identifies each product to associate test results with the correct product.

Benefits Data is available to all users via the departmental network.

Data from various instruments is correctly associated with the correct product via Bar Code identification.

Reports of test results including all measurements for a product can be produced as soon as data is collected.

Calibration sequences and coefficients are logged. Status of machine calibration is always known.

