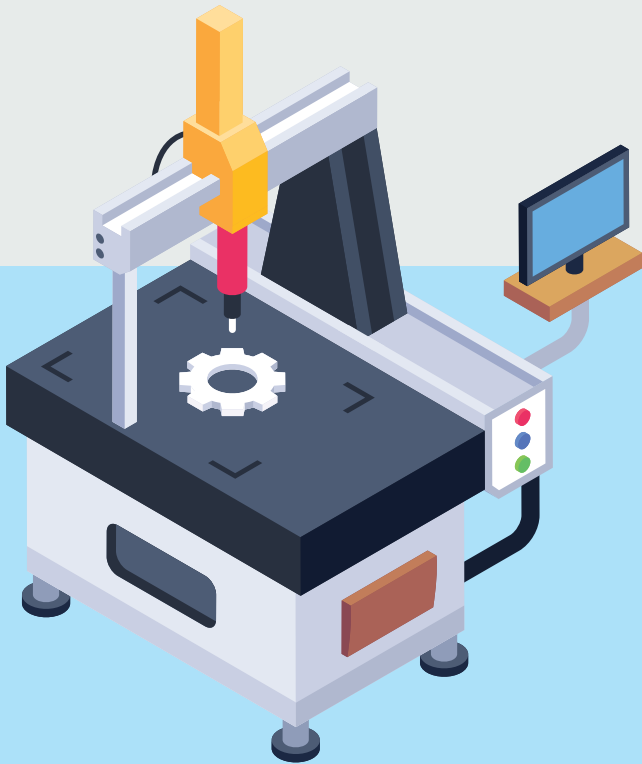
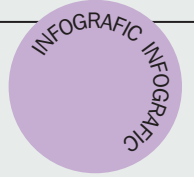




Quality Control:

TURNING THE IDEAL INTO A NEW REALITY



Quality control (QC) teams need reliable results they can trust to:

- make informed decisions
- address manufacturing challenges

The idea that routine QC can be performed solely on the CMM is more idealistic than realistic.

REALITY

QC with the CMM is Labor-Intensive

While CMMs are highly accurate, they operate slowly and require skilled operators for setup and use.

This limits accessibility and efficiency, ultimately extending inspection times—especially for complex parts.

REALITY CHECKS WITH THE CMM

- Increased Inspection Time**
 - Delays in the production schedule
 - Bottlenecks in the manufacturing process
- Increased Calibration Time**
 - Time to calibrate each probe orientation and camera position
- Increased Costs**
 - High operation costs for
 - dedicated facilities
 - controlled environments
 - regular maintenance
- Limited Flexibility**
 - Frequent recalibrations, setup changes, and reprogramming
- High User Expertise**
 - Specialized training and experience

Addressing these challenges involves investing in faster, more intuitive equipment.

IDEAL

QC with Fast, Easy-to-Use Software Solutions with No Compromise on Accuracy

CREAFORM IS TURNING THE IDEAL INTO A NEW REALITY

Creaform.OS guides operators through data acquisition with

- simple, intuitive interface
- visual indicators showing which areas need inspection

This guidance during data acquisition

- improves operator efficiency
- reduces the need for highly specialized skills

Increased Efficiency with Quality Issues

With Creaform.OS and the Creaform Metrology Suite → The path to root causes is straightforward

With greater confidence in inspection results → QC specialists can delve deeper into troubleshooting

Better Decision-Making to Improve Product Quality and Manufacturing Processes

- With reliable quality data, QC specialists can
- optimize tooling maintenance programs
 - extend equipment lifespan
 - reduce downtime
 - enhance manufacturing processes
 - improve operational efficiency

As a result, product quality is higher.