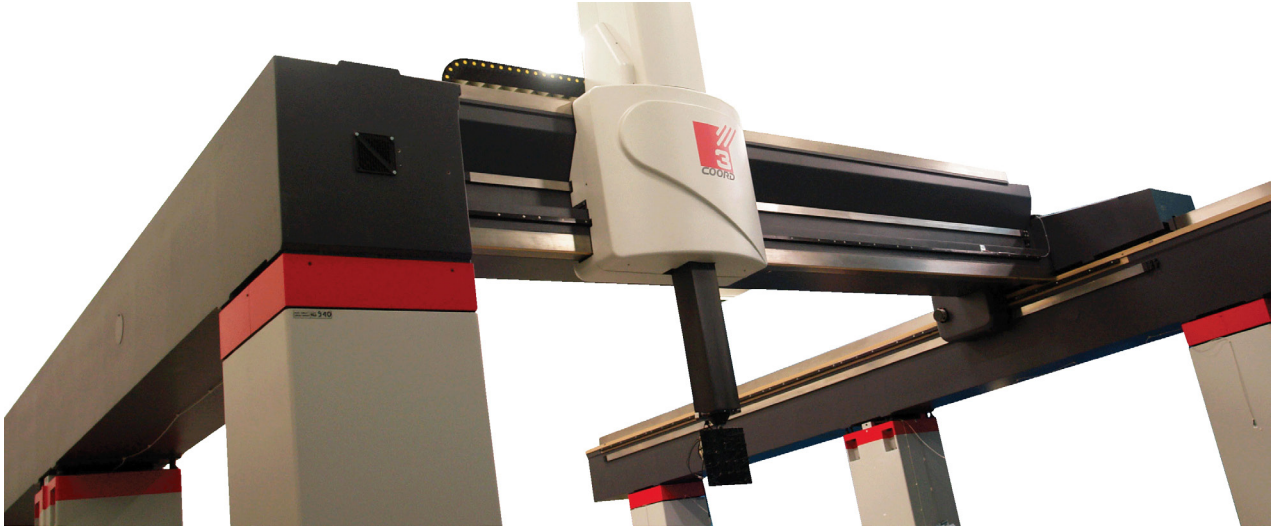




C3 V GP-CMM



Features and benefits



With the option of aluminium or steel structural components the C3 V-GP machines are a project-build, large-scale, fixed-bed metrology solution, with all the benefits of high throughput, for the inspection of very large components.

The C3 V-GP (Gantry Project) range offers full flexibility to meet the customer's requirements regarding machine-size and accuracy. As these large machines require special foundations and possibly other specialized application support, the solutions are tailored to your exact requirements - from concept through design, from build and install, to after-sales support.

Key Features

- Unique thermal expansion balance system
- 0.5µm resolution scales
- Choice of aluminium or steel construction
- Optional dual drive and encoder
- Precision roller bearings on X axis (C3 V-G only)
- Air bearings on all axes (excluding C3 V-G X axis)

Key Benefits

- Excellent accuracy and repeatability
- Flexible multi sensor platform
- Suitable for a shop floor environment
- Easy access for part loading
- Minimum foundation Monolith option

Applications

- Marine and locomotive engine components
- Automotive and commercial vehicles
- Aerospace components and structures
- Telecommunications and satellite equipment
- Printing equipment
- Integration pallet transfer systems

Technical Specifications

- Accuracy from 5.0µm+L/167
- Velocity from 40 m/min
- Acceleration from 5400 m/min²
- Size Range from X: 2500 to 12000mm, Y: 1500 to 3500mm, Z: 1000 to 2500mm



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