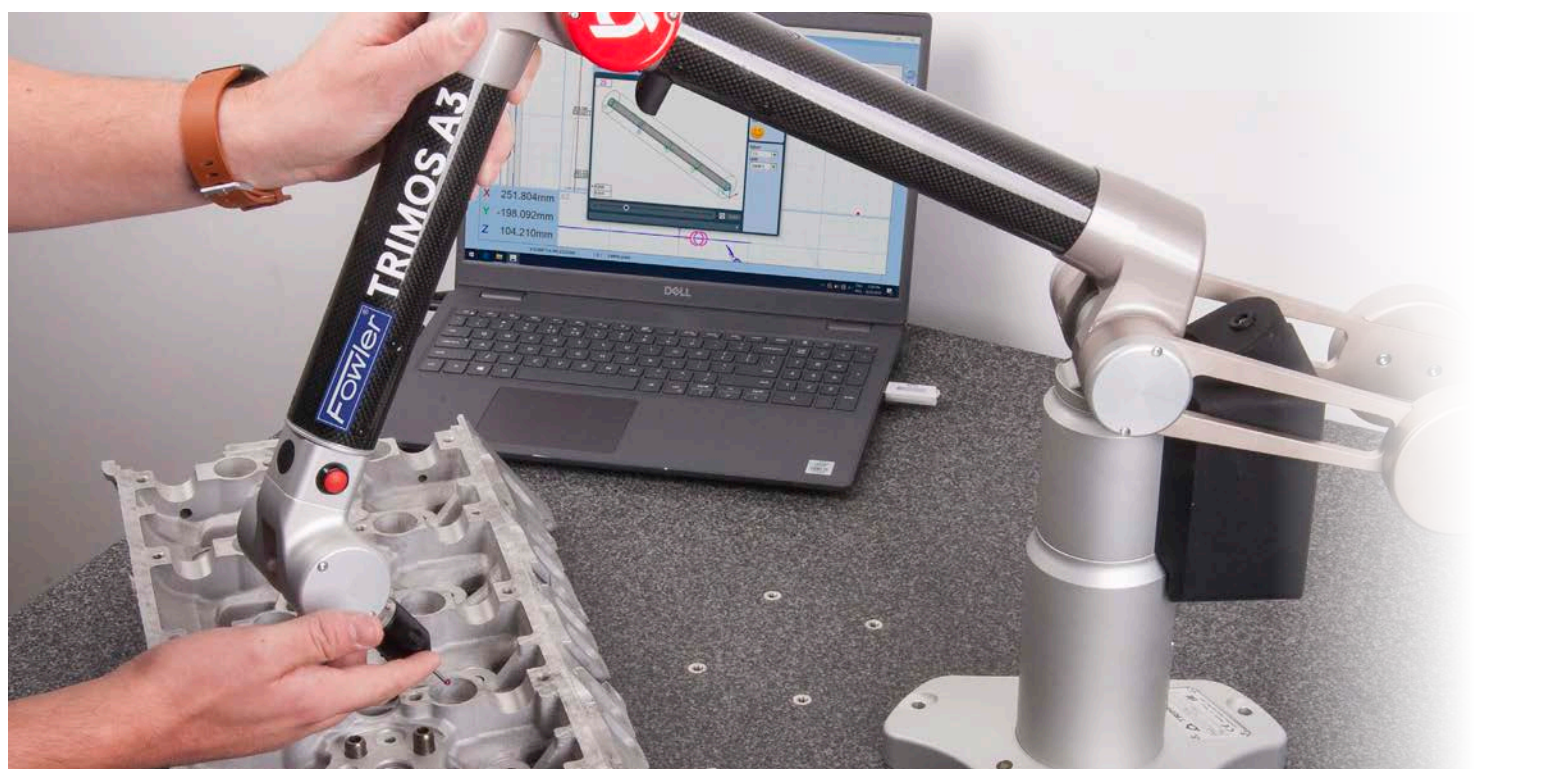




Fowler[®]
HIGH PRECISION
MAKING MEASUREMENT EASY

HIGHLY ENGINEERED
SYSTEMS



www.fowlerprecision.com

SCAN S25T



- Bench top sized
- 2"/51mm diameter, 8"/200mm length range
- 30° tilting for complete thread measurement

NEW Tabletop Model, 21" x 18" footprint!

SCAN F60 Series



- Complete 2D part scan in 3 seconds
- 2.5"/64 diameter, 12"/300mm or 19"/500mm length ranges
- 30° tilting for complete thread measurement

Fast, Accurate, Reliable, Repeatable!

Typical accuracy to 0.0001" and repeatable to 0.00002"

SCAN 145

Our largest machine for your biggest parts!



- 5.7"/145mm diameter, 24"/615mm or 50"/1230mm length ranges
- 132 lb./60 kg. weight capacity

SCAN 52



- Specifically designed for workshop measurement
- 2"/52 diameter, 12"/300mm length range
- For standard cylindrical parts measuring



Optical Measuring Machines For Turned Parts

SCANS



One click measurement featured on ALL SCANS!

All CMM'S utilize

Fowler®

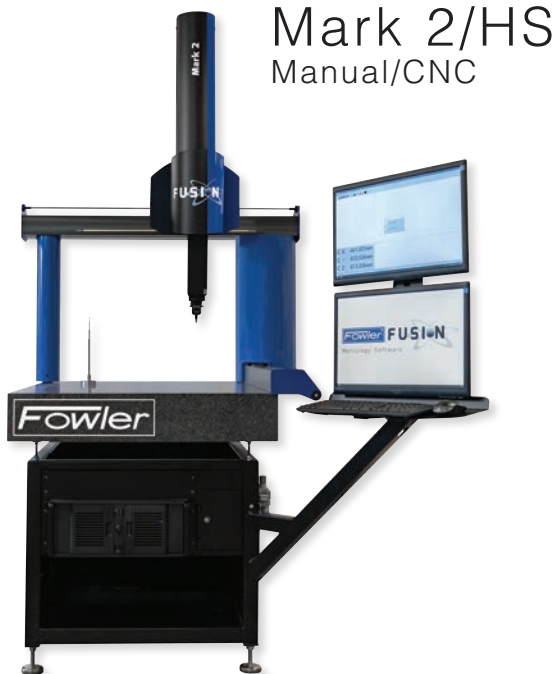
FUSION

Metrology Software



Mark CMM Series

CMM'S
Geometrical Measurements



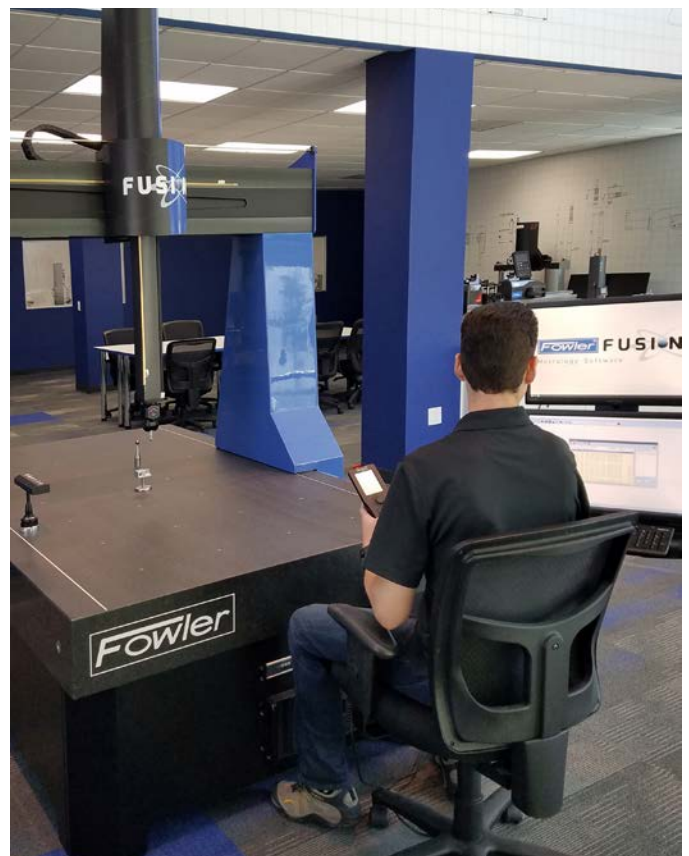
Mark 2/HS
Manual/CNC

- Upgradeable to CNC at any time
- Honeycomb aluminum or granite work surfaces
- Suitable for the workshop



Mark 1

- Shop hardened
- 5 temperature sensors for use in uncontrolled environments
- Robust and reliable



Mark 3

- The most accurate CMM in the FUSION range
- Innovative, frictionless linear drives for fast, smooth, silent motion
- Wear free parts for greater reliability



Mark 4



Mark 5



- Large affordable precision
- Ranges available up to 300mm
- Superior accuracy, 0.0001mm resolution

- Our largest ranges up to (X) 1200 x (Y) 3000mm x (Z) 1000mm
- Table capacity up to 13,200 lbs./6,000 kg.



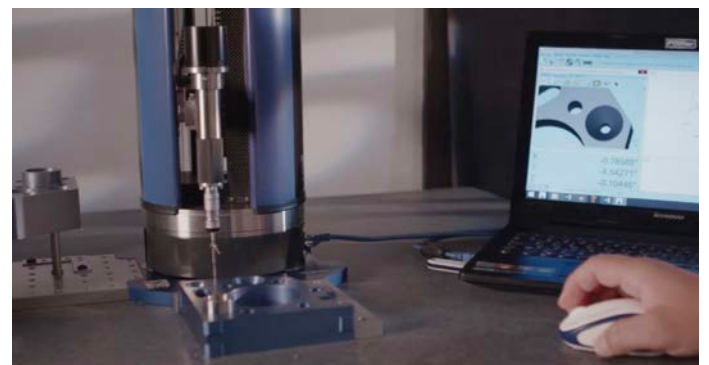
- Portable precision
- True Direct Computer Controlled coordinate measuring machine
- 700mm X and Y range, 250mm Z range
- No air required
- Easy-to-use software



ZCAT
Portable CMM



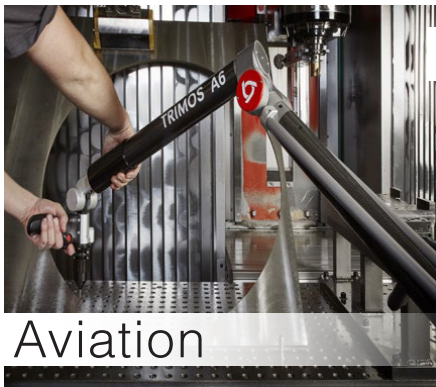
Fowler FUSION
Metrology Software



A-Line

Portable CMM measuring arms

- 3D measurement
- 5, 6 or 7 axis configurations
- Ranges from 10" to 360"
- Powered by Fowler FUSION software

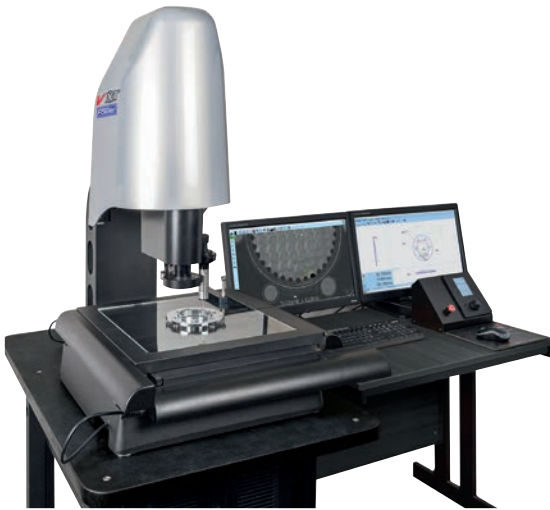


Available with optional laser scanner

A-Line
Portable Measuring Arms

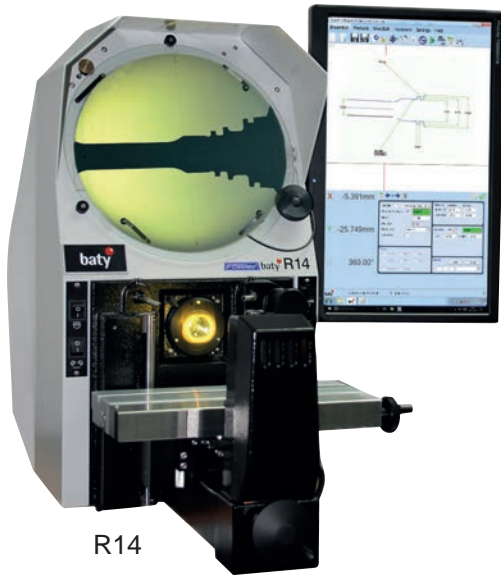
Vision Series

- 13 models available
- Manual and CNC models available
- Select systems feature touch probe option
- X and Y accuracies to 0.0002" to suit everyone's needs
- All have easy-to-use Fowler FUSION software



Optical Series

- All feature profile and surface illumination
- Most models with optical edge detection
- Available with up to 24" screen
- Choice of readouts including touch screen powered by Fowler FUSION software



R14

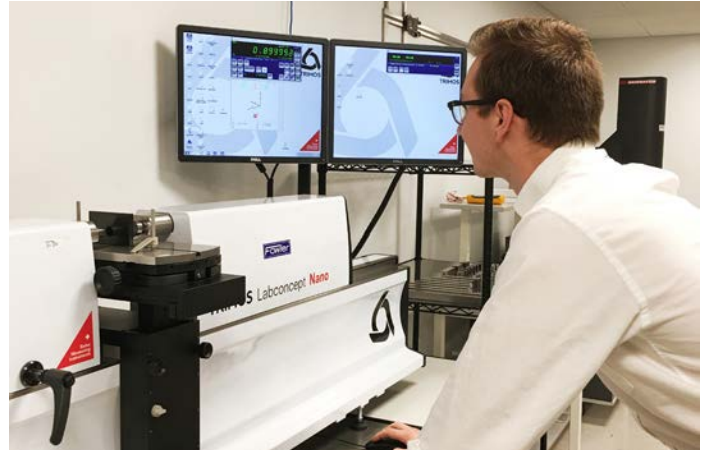


R600



Optical Comparators
Non-contact measuring

Labconcept Nano Calibration System



- Unequaled accuracy - starting at $0.0000027''/0.07\mu\text{m}$
- 3 axis motorized calibration
- Exceptional repeatability
- Easy-to-use software

Labconcept Premium

For calibration

- Calibrate plugs, rings, threads, snap gages, indicators, depth gages and more
- Ranges up to 40"/1000mm
- Adjustable measuring force 0 - 12N to meet ISO standards



Horizon Calibration PLUS

For calibration, measuring and setting

- Calibrate plugs, rings, threads and much more
- Set ID/OD gages, bar gages, swing gages
- Ranges up to 40"/1000mm
- Meets ISO 9000/2000 standards



**Please note: Calibration benches available up to 118"/3000mm and setting benches available up to 315"/8000mm*

THV Horizontal Measuring System

Small in size, BIG in accuracy!



- 0 - 4"/0 - 100mm external range
- 0.4" - 4"/0 - 100mm internal range
- Check plug gages, ring gages, thread plug gages, dial and test indicators

V6, V7, V8, V9 Series Electronic Height Gages

Over 40 years of recognized excellence!

- High accuracy, extremely robust
- Selectable manual or motorized movement
- V7 - V9 feature 2D measuring



Simplicity



**V8 and V9 accuracy
0.000075" at 28"**

Calibration



Service & Metrology

We offer full service for Bowers, Sylvac, Trimos, Baty, zCAT and more. Our factory trained service and technical team can keep you up and running with as little down time as possible.

Our state of the art A2LA Accredited ISO/IEC 17025 calibration laboratory offers full calibration and certification for a wide variety of precision tools including gage blocks, ring gages, vision and scan systems, height gages and much more!

To learn more about Fowler calibration, systems training or to schedule an on-site calibration, please contact our Technical Support team at 1-800-788-2353



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