

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

30° tilting for complete thread measurement



- Complete 2D part scan in 3 seconds
- 2.5"/64 diameter, 12"/300mm or 19"/500mm length ranges

Fast, Accurate, Reliable, Repeatable!

SCAN 145

Our largest machine for your biggest parts!



Diameters up to 5.7" and lengths up to 70"



One click measurement featured on ALL SCANS!



sylvac



**SWISS
MADE**

Optical Measuring Machines For Turned Parts

SCANS

All CMM'S utilize

Fowler
HIGH PRECISION
Metrology Software

FUSION

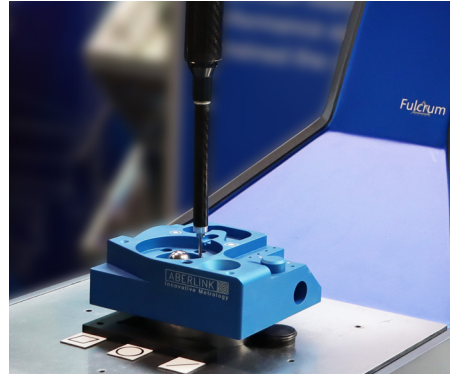
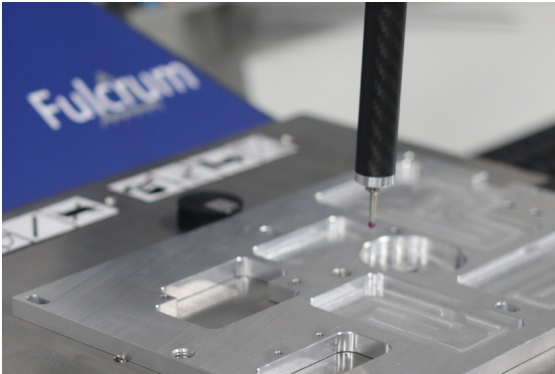
Fulcrum

Revolutionary Manual CMM

- Compact, portable design
- Simple set up, installation and use
- Intuitive software - no lengthy training
- Measures small batches in seconds



Various Probe Styli and Extensions Available



Mark CMM Series



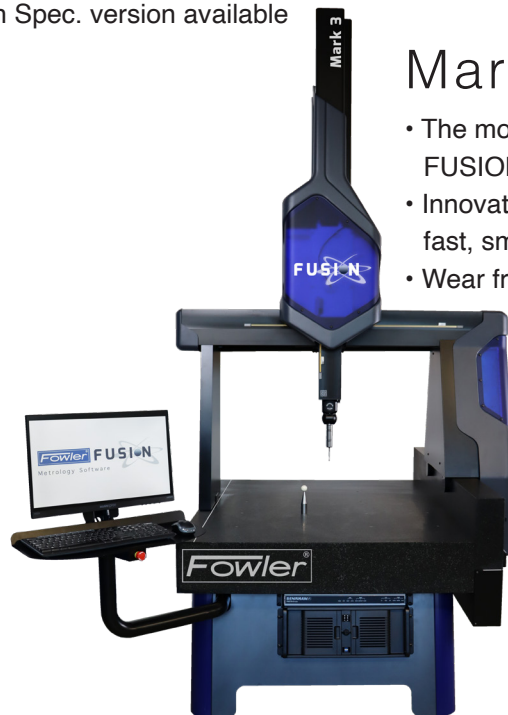
Mark 1

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



Mark 2 Manual or CNC

- Upgradeable to CNC at any time
- Honeycomb aluminum or granite work surfaces
- Suitable for the workshop
- HS, High Spec. version available



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 5

- 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
- Accuracy: $8.0\mu\text{m}$
- True Direct Computer Controlled coordinate measuring machine
- 700mm X and Y range, 250mm Z range
- No air required
- Easy-to-use software



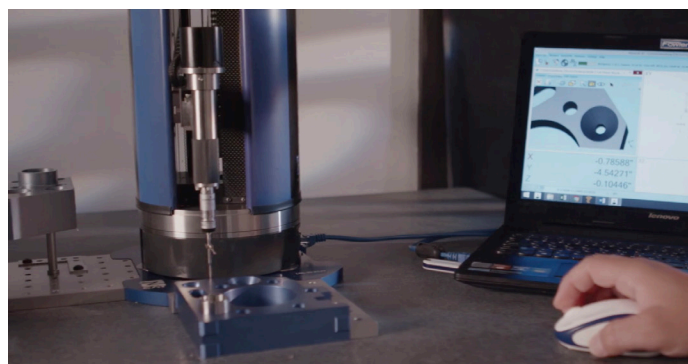
zCAT
Portable CMM



Fowler
HIGH PRECISION

Metrology Software

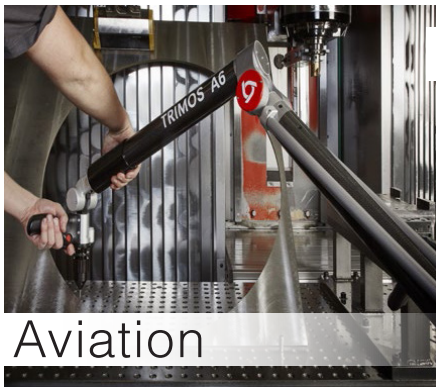
FUSION



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

Rapid Measuring Systems

One-key measurement in seconds

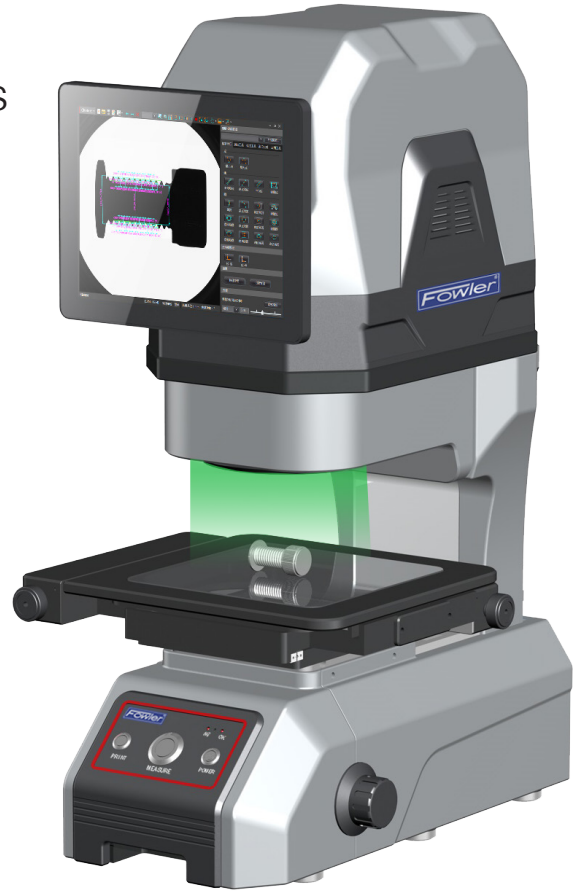
- 3 models available
- Simultaneous measuring up to 100 parts
- High resolution: 0.00004"/0.0001mm
- 12" x 8" measuring range
- 4"/100mm field of view



Measures multiple parts simultaneously

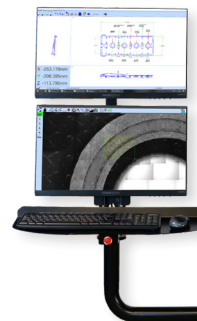


One touch measuring



baty 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



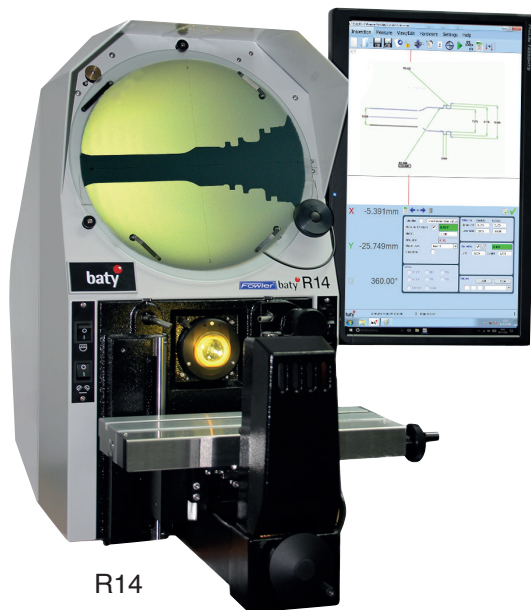
Fowler
HIGH PRECISION
Metrology Software

FUSION



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



Horizon Setting Measuring System

Setting of measuring equipment with variable dimensions



HS4



HS6

- For setting equipment with variable dimensions quickly and accurately
- Available in sizes up to 120"
- Large selection of accessories to handle any job

Horizon Calibration

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*

Labconcept Nano Calibration System

- Unequaled accuracy - starting at 0.0000027"/0.07 μ m
- 3 axis motorized calibration
- Exceptional repeatability
- Easy-to-use software



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

Simplicity

V3-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



V8 and V9 accuracy 0.000075" at 28"

Hi_Cal Series

Electronic Height Gages

- Bluetooth for quick, easy recorded measurements
- Extra low measuring force, from 0.2N
- Excellent repeatability



Calibration

ISO 17025, A2LA Accredited Calibration Lab Service and Repair and Calibration

At Fowler, we proudly provide precise and accredited calibration services for various equipment. As an ISO 17025 and A2LA certified lab, we uphold rigorous industry standards to ensure quality and traceability in our calibration processes. Count on our advanced facilities and skilled, factory-trained technicians for exceptional calibration services.

Accreditations and Certifications:

ISO 17025

Our calibration lab is ISO 17025 accredited, demonstrating our competence in producing reliable calibration results. This internationally recognized accreditation assures our customers that we follow stringent quality management practices, technical expertise, and continuous improvement.



A2LA

As an A2LA accredited calibration lab, we have undergone a rigorous evaluation process to validate our adherence to the highest technical and management requirements. This accreditation further strengthens our commitment to accuracy, precision, and customer satisfaction.



Height Gage Certification



Ring Certification



Gage Block Certification

Service Card

Dimensional

Bore Gages	(ULMs)
Calipers	ID/OD Gages
CMMs/Arms	Indicators
Depth Gages	Micrometers
Displays and Probes	Micrometer Heads
Feeler Gages	Rules
Height Gages	Thickness Gages
Universal Length Machines	

Optical

Optical Comparators
Optical Scanning Systems
Vision and Multi-Sensor System
Rapid Scan Field of View System

Fixed Gages

Gage Blocks
Micrometer Standards
Pin Gages
Ring Gages

Contact Us Today: To learn more about our ISO 17025, A2LA accredited calibration lab and discuss your specific calibration needs, please reach out to our dedicated team:



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