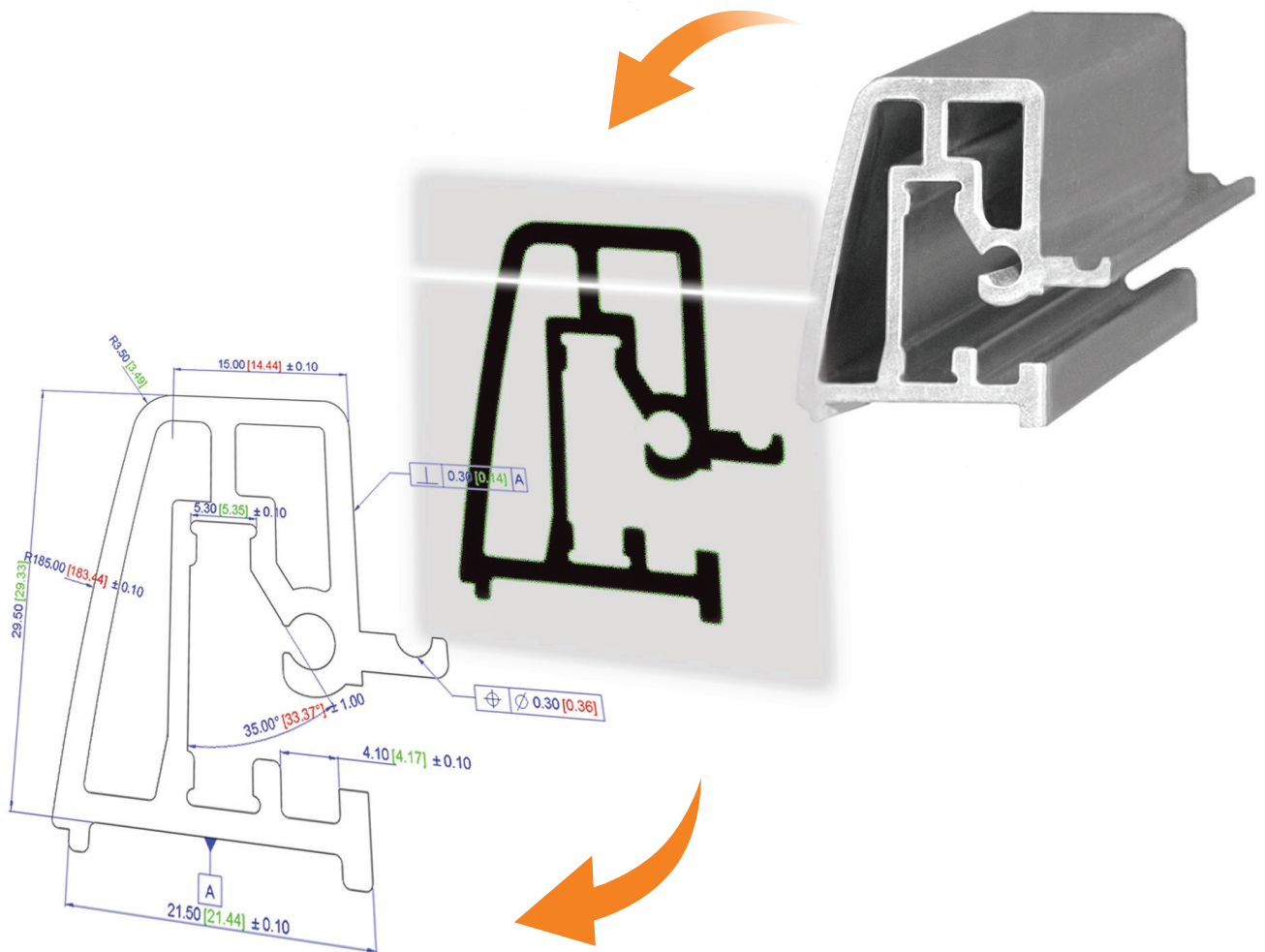




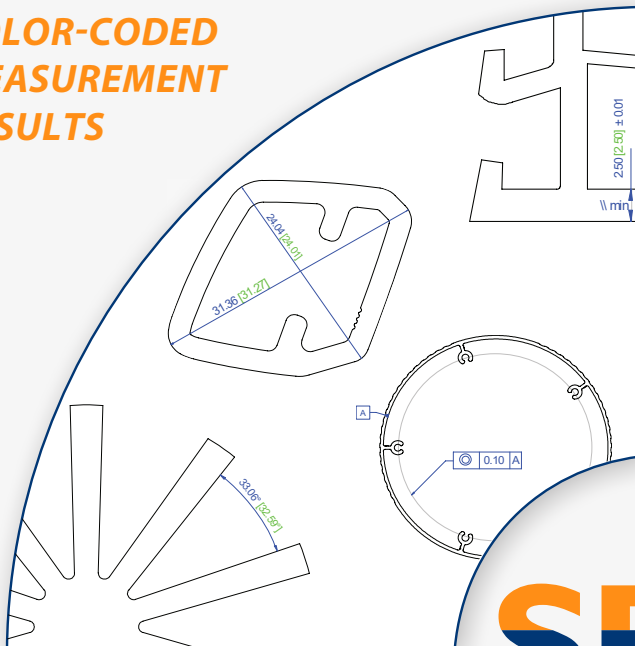
SCAN FIT & MEASURE



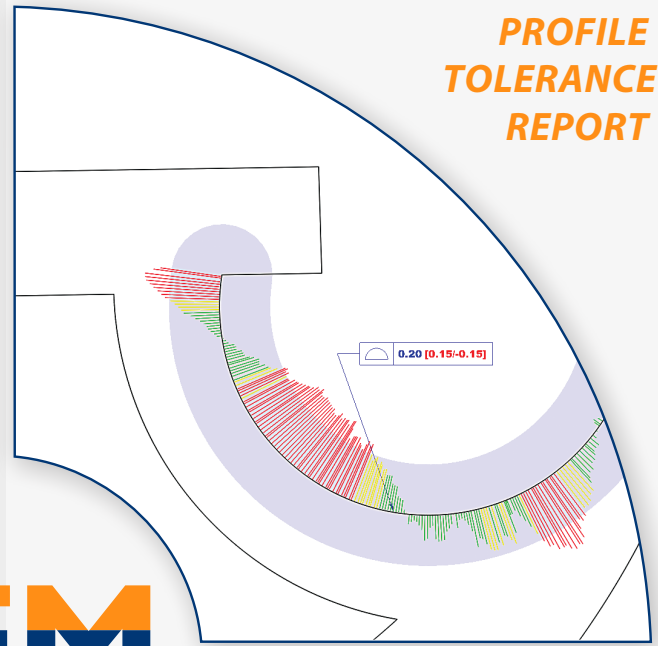
*"Quality is never
an accident..."*
William A. Foster

AUTOMATED MEASUREMENT AND INSPECTION OF PROFILE GEOMETRY

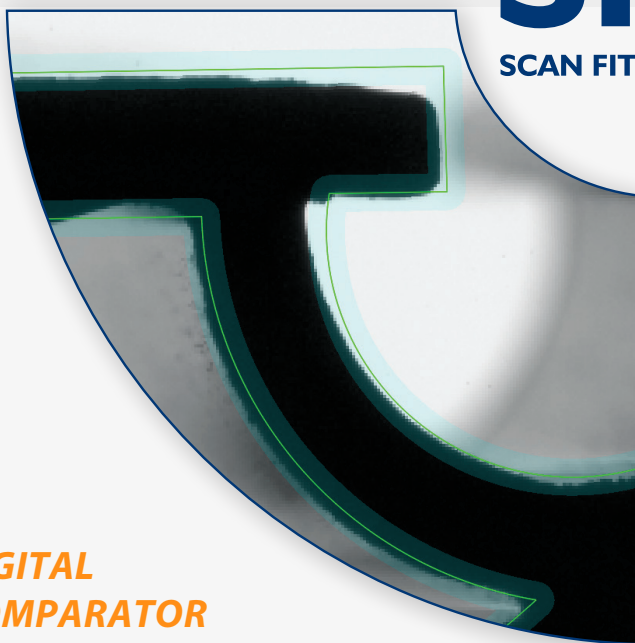
COLOR-CODED MEASUREMENT RESULTS



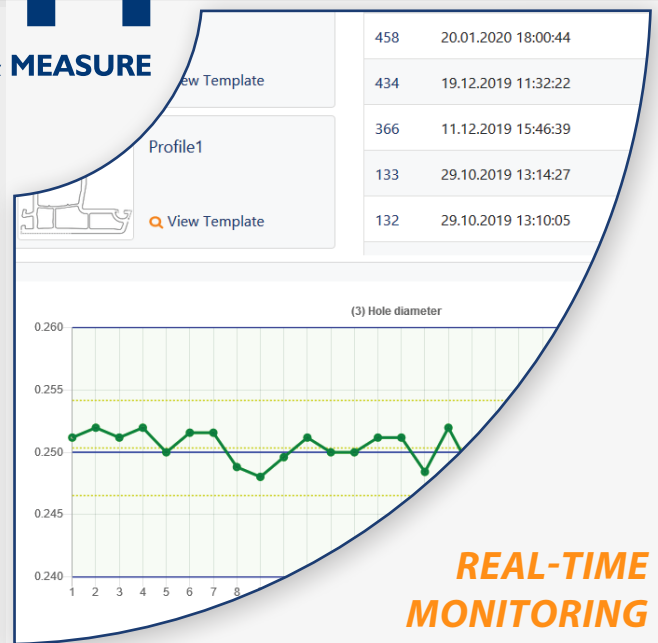
PROFILE TOLERANCE REPORT



DIGITAL COMPARATOR



SFM
SCAN FIT & MEASURE



MEASUREMENT DATA CENTER (MDC)

■ TRACEABILITY

The MDC ensures that each measurement is tracked and stored on a local server or in a cloud.

■ REAL-TIME MONITORING

Managers can monitor measurement results in real time and take immediate actions when necessary.

■ REPORTS AND ANALYSES

The system can generate reports for single measurements or over a period of time.

■ CLOUD OR LOCAL SERVER

The MDC could be accessed online or installed on a local server within the factory.

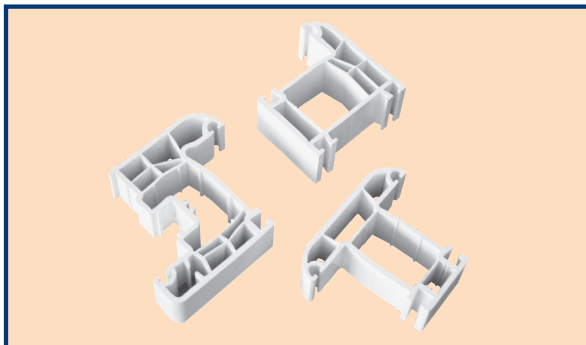
WHAT IS SFM

Scan Fit and Measure (SFM) is an offline 2D system for automated measurement and inspection of profile geometry specialized for the extrusion industries. Based on flatbed scanners, SFM offers precise measurement of size, position, wall thickness and Geometric Dimensioning and Tolerancing (GD&T). With a single button click, the system scans, measures and generates pass/fail reports comparing the scanned image to the CAD model. A new feature extraction functionality makes measurement possible even without a CAD drawing. SFM ensures that your products conform to all industry standards and meet customers' requirements and specifications. Suitable for both laboratory and shop floor inspections, the system can be integrated into ERP or other management information systems.

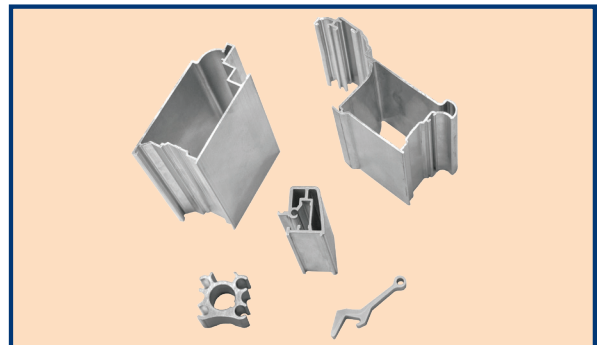
FEATURES & BENEFITS

- One button measurement and reporting
- Measurement with automatic BestFit part alignment to CAD drawing
- Measurement without CAD drawing
- Measurement of several parts with one scan
- Automatic part recognition and loading of corresponding CAD drawing
- Touch screen comparator functionality
- Measurement Data Center for storage, analyses and reporting of data
- Constructed features for comprehensive measurement
- Open standard for integration with information systems: connection with ODBC servers, configurable output to SPC and reporting systems
- Up to 300 mm x 400 mm (12" x 16") field of view, up to 130 mm (5") part height
- Rugged design for shop floor operation

APPLICATIONS



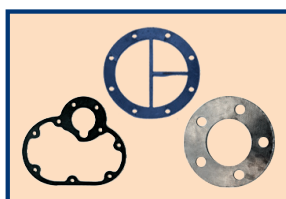
PVC Extrusion



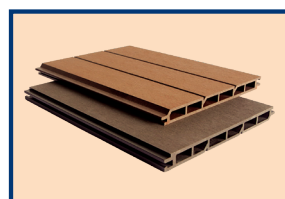
Aluminum Extrusion



Medical tubes



Gaskets



WPC Extrusion



Sheet Material

TECHNICAL SPECIFICATIONS

Scanner 250



Maximal Measuring Area:
200 mm x 250 mm (9" x 10")

Average Measuring Speed (Multi-part):
~00:05 min per part

XY Accuracy:
 $E_2 = (20 + 20L/1000) \mu\text{m}$

Maximal Part Height: 80 mm (3")

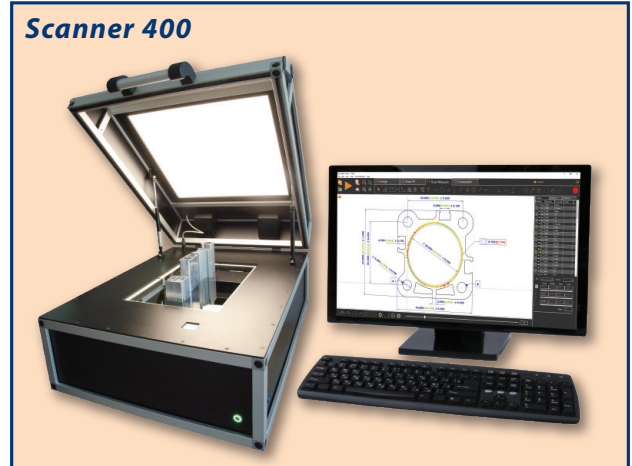
Maximal Part Weight: 2kg (5 lbs)

Operating Temperature: 10°C - 35°C (50°F - 95°F)

System Dimensions (WxDxH):
420 x 530 x 230 mm (17" x 21" x 9")

Footprint (WxD):
380 x 420 mm (15" x 17")

Scanner 400



Maximal Measuring Area:
300 mm x 400 mm (12" x 16")

Average Measuring Speed (Multi-part):
~00:15 min per part

XY Accuracy:
 $E_2 = (20 + 20L/1000) \mu\text{m}$

Maximal Part Height: 130 mm (5")

Maximal Part Weight: 5 kg (11 lbs)

Operating Temperature: 10°C - 35°C (50°F - 95°F)

System Dimensions (WxDxH):
710 x 1050 x 500 mm (28" x 41" x 20")

Footprint (WxD):
600 x 620 mm (24" x 25")

www.sfmeasure.com



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