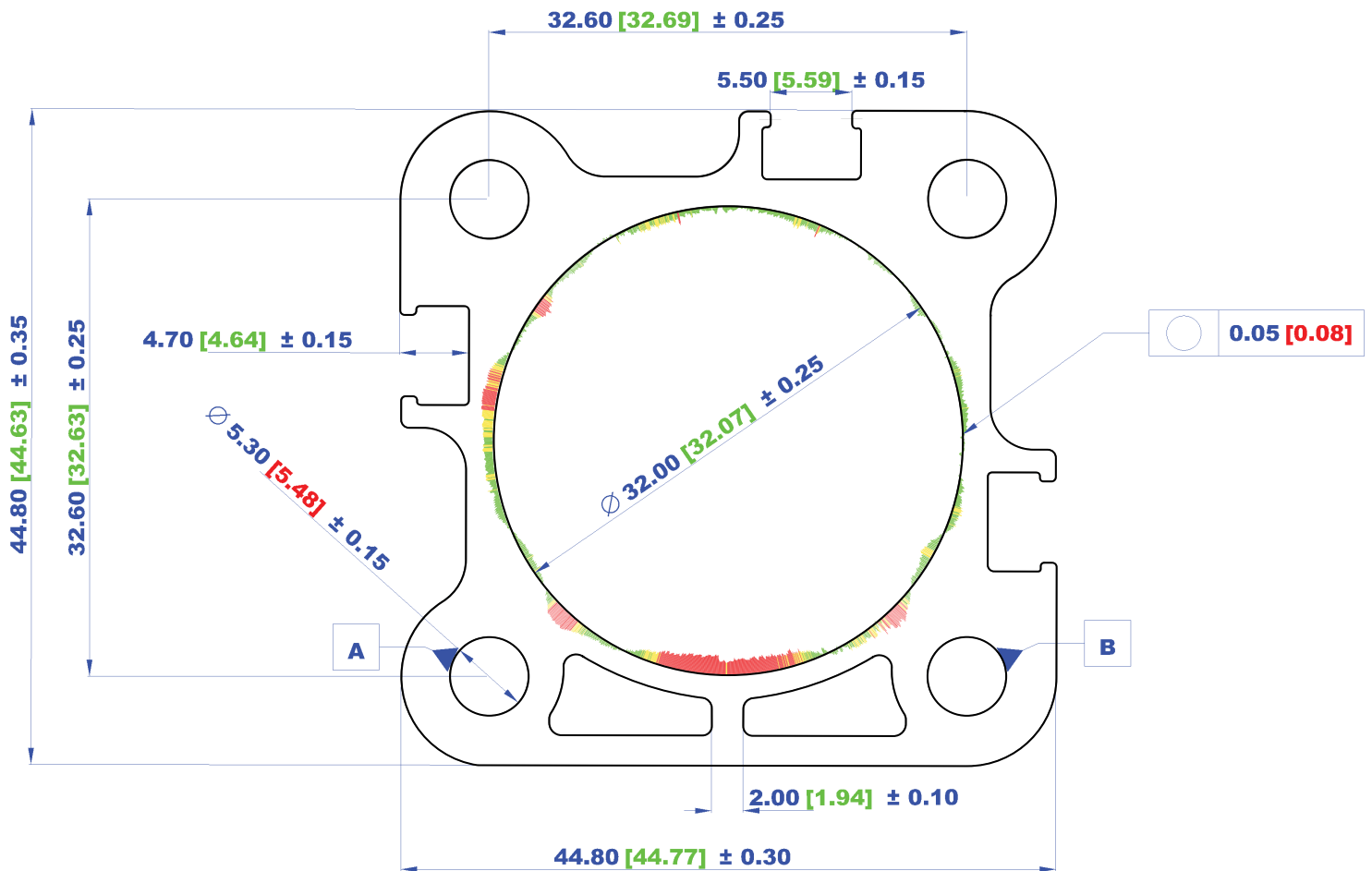




SCAN FIT & MEASURE

PROFILE MEASUREMENT SOLUTIONS



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

SCAN FIT AND MEASURE (SFM)

SFM is an off-line 2D measurement system for inspection of the profile geometry for Aluminium and PVC extrusion. 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 drawing.

The large field of view area of the scanners allows sizable parts to be measured or several profiles from a multi-cavity die to be scanned at the same time.

SFM ensures that your products conform to all industry standards and meet customer specifications and requirements.

AUTOMATION

- One button measurement and reporting
- Automatic BestFit alignment to the CAD drawing
- Automatic part recognition
- Multi-part measurement
- Assembly inspection
- Measurement Data Center for storage, analyses and reporting
- Touch screen comparator functionality
- Constructed features for precise measurement
- Open standard for integration with information systems
- Rugged design for shop floor operations

MEASUREMENT DATA CENTER (MDC)

ADDS TRACEABILITY

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

REPORTS AND ANALYSES

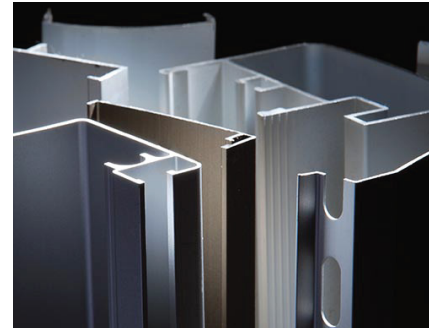
The system can generate reports for single measurements or over a period of time.

CLOUD OR LOCAL SERVER

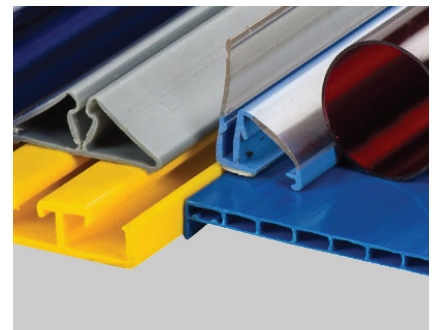
The MDC could be accessed online or installed on a local server within the factory.

REAL-TIME MONITORING

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



Aluminium extrusion



PVC extrusion



Wood plastic composite



Medical tubes



Metal sheet parts, gaskets

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:
 $E2 = (20 + 20L/1000) \mu\text{m}$

Maximal Part Height:
80 mm (3")

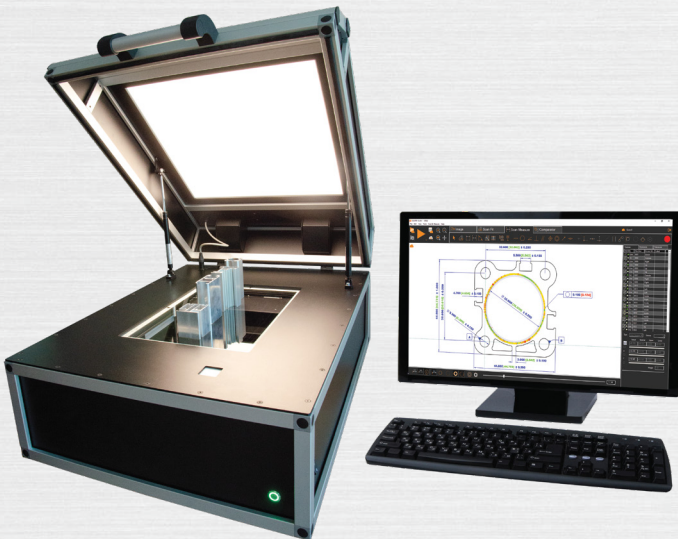
Maximal Part Weight:
2kg (5 lbs)

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:
 $E2 = (30 + 25L/1000) \mu\text{m}$

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")

Scanner 600



Maximal Measuring Area:
400 mm x 600 mm (16" x 24")

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

XY Accuracy:
 $E2 = (30 + 25L/1000) \mu\text{m}$

Maximal Part Height:
110 mm (4")

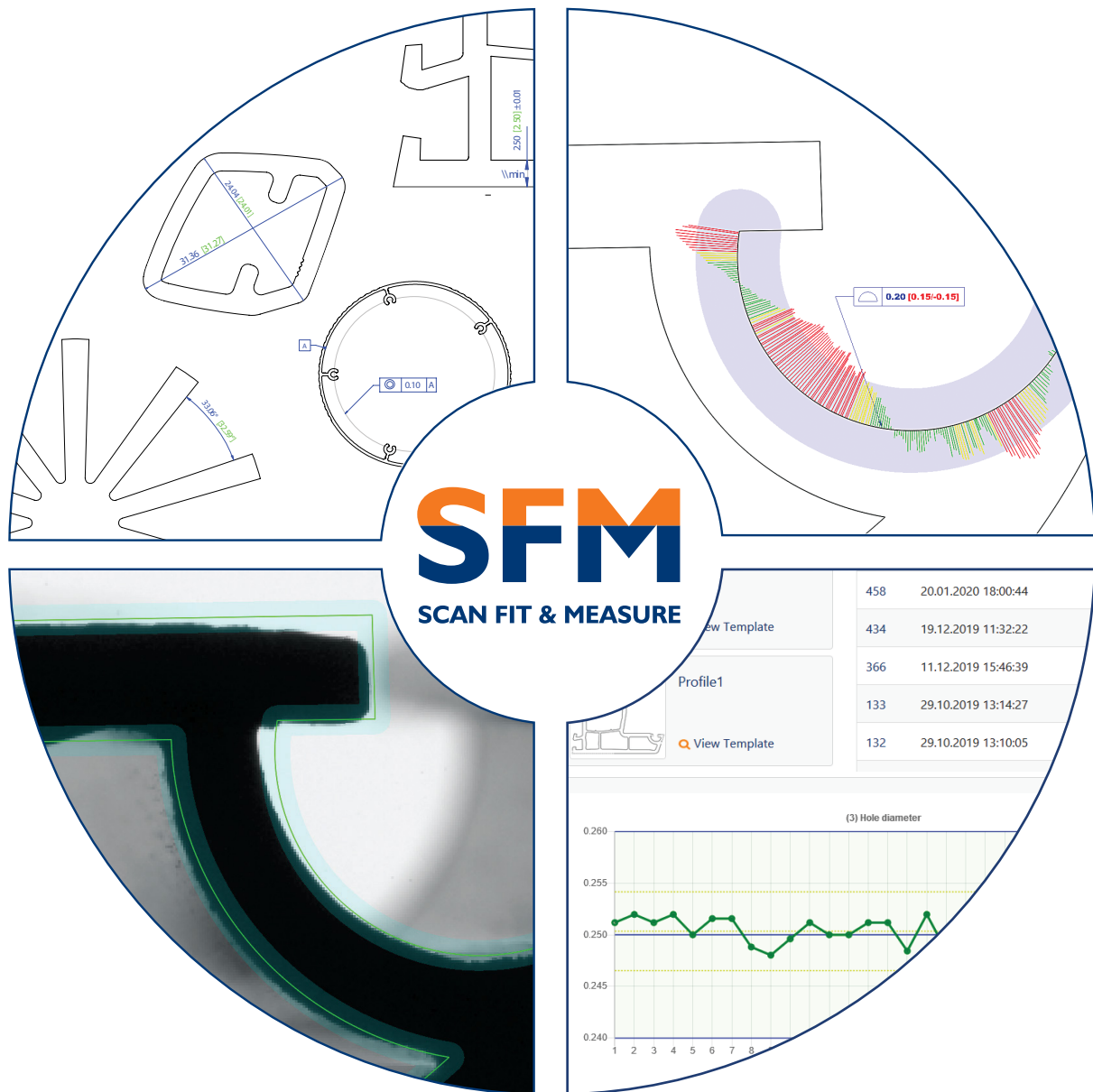
Maximal Part Weight:
5 kg (11 lbs)

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

System Dimensions (WxDxH):
950 x 1100 x 500 mm (37" x 43" x 20")

Footprint (WxD):
720 x 740 mm (28" x 29")

AUTOMATIC MEASUREMENT AND INSPECTION OF THE PROFILE GEOMETRY



www.sfmeasure.com



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