



**SCAN FIT & MEASURE**

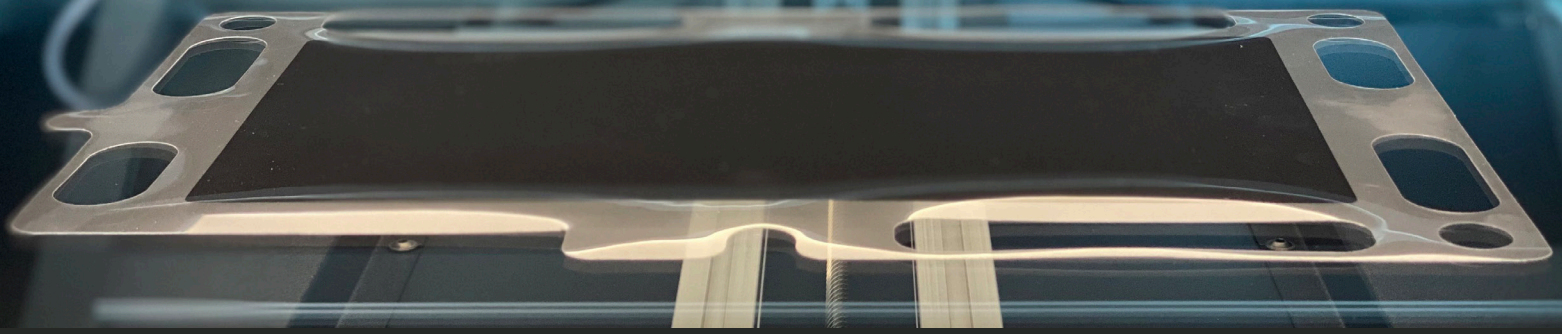
A white line-art outline of a complex mechanical part, possibly a bracket or a housing, with various slots, holes, and protrusions. The text is centered within a rectangular area of this outline.

**AUTOMATIC  
MEASUREMENT  
SOLUTIONS FOR  
INSPECTION OF MEAs**

**QUALITY IS NEVER AN ACCIDENT...**

[www.sfmeasure.com](http://www.sfmeasure.com)

H<sub>2</sub>



## PRECISE MEASUREMENT OF MEAs

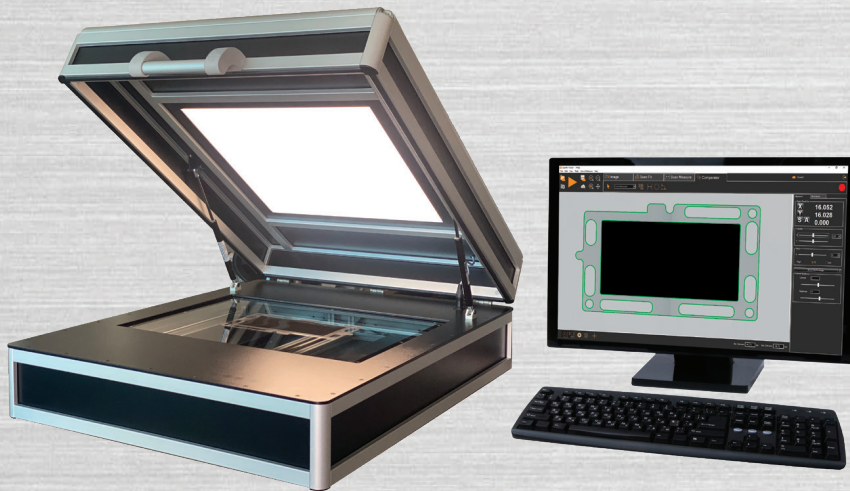
Scan Fit & Measure is an automatic measurement solution specialized for the inspection of the geometry of membrane electrode assemblies (MEAs) - the primary components of hydrogen fuel cells.

The SFM systems are used as quality control tools allowing various types of production facilities to benefit by reducing costs and minimizing product deviations. They deliver instant PASS/FAIL evaluation based on the

customer's predefined geometric dimensions and tolerances. The systems provide a visual comparison of the scanned image to the CAD model based on the precise measurement of size, position, wall thickness and GD&T.

The large field of view area of the SFM 600 model of 400mm x 600mm (16" x 24") allows sizable and multiple part measurement thus speeding quality control and ensuring an intact and continuous production flow.

### SFM 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):**

(37" x 43" x 20")

950 x 1100 x 500 mm

**Footprint (WxD):**

720 x 740 mm (28" x 29")



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