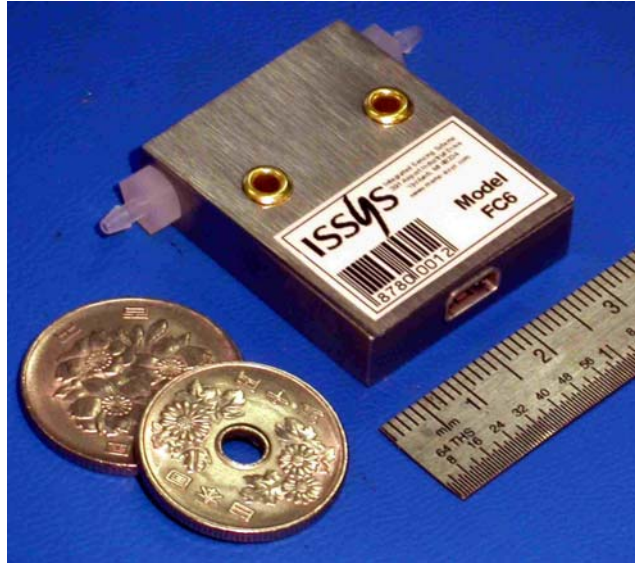


ISSYS Model FC6 Methanol Concentration Meter

“Ideal for embedded DMFC and reformed fuel cell applications”



Measure:
Methanol Concentration

also:
Density
Specific Gravity
Chemical Concentration
Temperature

THE NEED

Direct Methanol Fuel Cells (DMFCs) as well as many reformed fuel cells require a chemical concentration sensor to keep the methanol concentration at an optimum level to maximize fuel cell performance over time and temperature. Until the ISSYS sensor entered the market this sensor need was unmet.

THE SOLUTION

ISSYS' inline methanol concentration sensor utilizes proprietary micro-tube technology. The micro-density meter actuates the micro-tube to its resonant frequency. By monitoring the frequency change in the micro-tube, the fluid density or chemical concentration can be accurately measured.

The ISSYS sensor can also be used to measure fluid density and specific gravity as well as other concentrations like ethanol, ethylene glycol and sucrose.

THE PRODUCT

The model FC6 in-line methanol concentration sensor is designed for embedded fuel cell applications. It has a digital serial or analog 0 to 3.3V output. The fluid connection is a barbed 1/16" fitting. A higher flow rate bypass configuration is available. It operates from 0 to 60 psig, between 5 and 60 °C.

Electrical Requirements:
5 Vdc, 40mA.
Size: 6.4 cm³

[Call for a quote today!](#)

