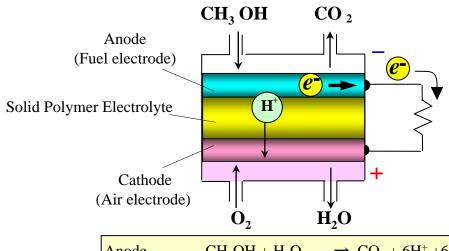
Attachment

2005 Prototype Micro Fuel Cell



Anode $CH_3OH + H_2O \rightarrow CO_2 + 6H^+ + 6e^-$ Cathode $3/2O_2 + 6H^+ + 6e^- \rightarrow 3H_2O$ whole reaction $CH_3OH + 3/2O_2 \rightarrow 2H_2O + CO_2$





Mobile phone and fuel cell

Mobile phone attached to fuel cell

Height x width x thickness	150 x 56 x 19mm
Size (volume)	160cc
Weight	190g
Fuel	Max. 18cc (more than 99 % methanol concentration)
Shape	Cradle type
Output	Max. 9Wh