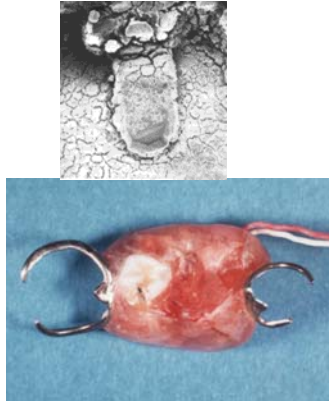
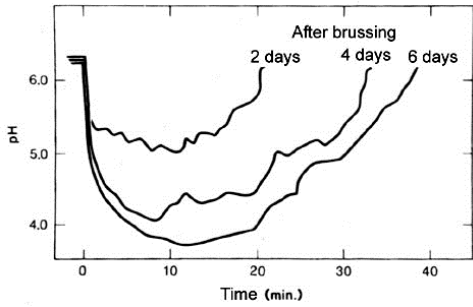


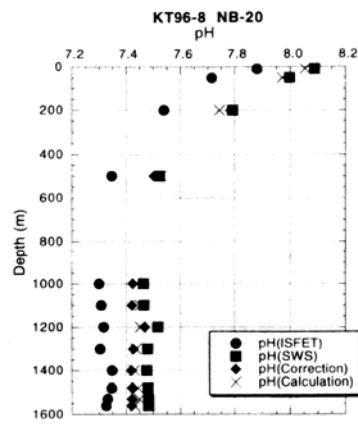
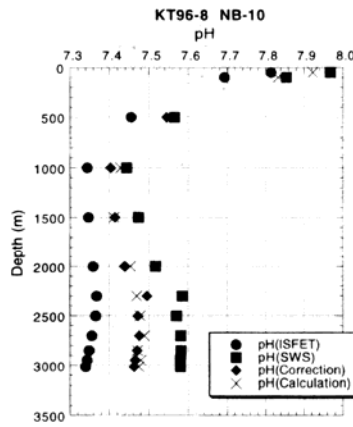
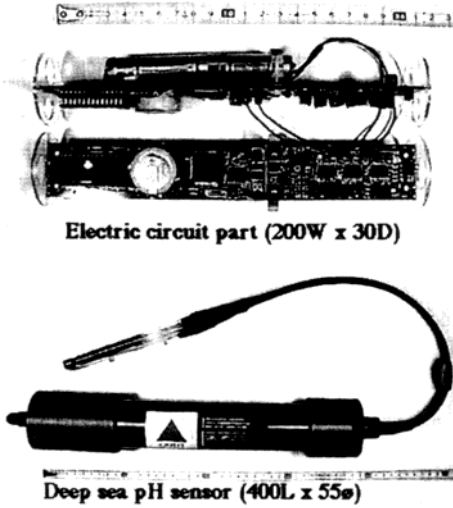
# Application of ISFET to Dentistry, Oceanography and Fish cultivation



pH measurement of teeth



Reference : R.Chida, K.Igarashi, K.Kamiyama, E.Hoshino and M.Esashi, Characterization of Human Dental Plaque Formed on Hydrogen-ion-sensitive Field-effect Transistor Electrodes, J. of Dental Research, 65 (1986) pp.448-451



Vertical profiles of pH obtained by ISFET-pH sensor (●), on board analysis (■: glass electrode at 25°C; SWS scale), correction with *in situ* temperature and pressure (◆) and calculation from total carbonate and alkalinity (x).

Application of ISFET to oceanography (Central Research Institute of Electrical Power Industry, Japan Marine Science and Technology Center)

Reference : K.Shitashima and M.Kyo, Application of Chemical Sensors to Oceanography — Development of Deep Sea pH Sensor Using ISFET —, Geochemistry, 32 (1998) pp.1-11



Portable pH sensor (Shindengen Kogyo)

Reference : Y.Ito, Development of ISFET and pH Sensors, Chemical Sensors, 14 (1998) pp.8-17