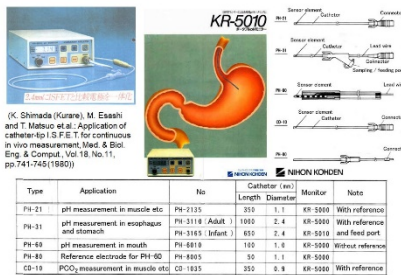


Examples of MEMS Industrialization by Tohoku Univ. – industry Collaboration



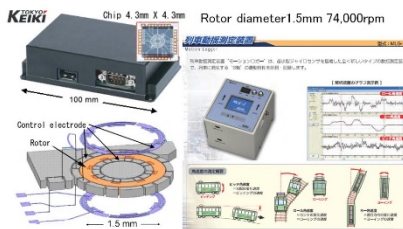
Catheter pH, PCO₂ monitor
(Kurare, Nihon Kohden)



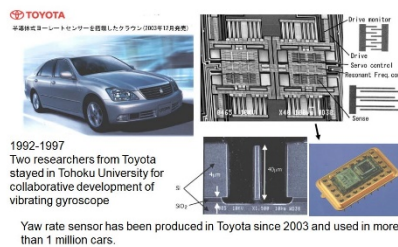
Portable pH sensor
(Shindengen)



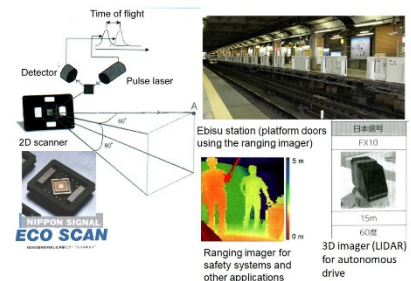
Instrument to detect H. pylori
(Nihon Kohden)



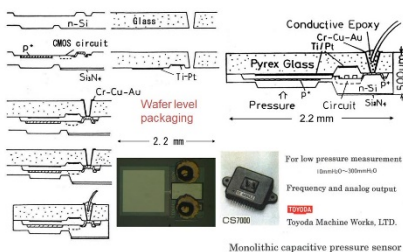
Electrostatically levitated rotational
(Tokyo Keiki)



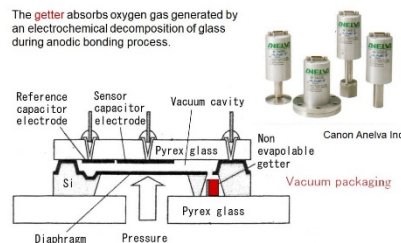
Yaw rate-Accelerometer
(Toyota)



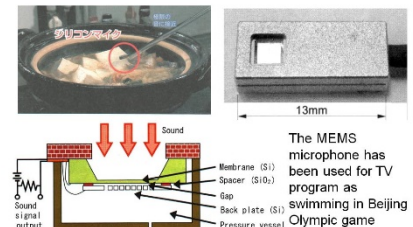
2-axes optical scanner
(Nippon signal)



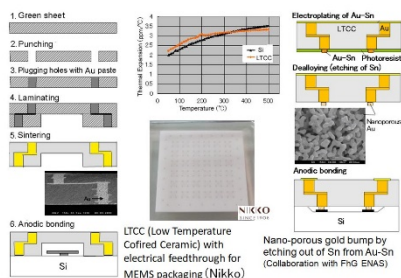
Integrated capacitive pressure sensor
(JTEKT)



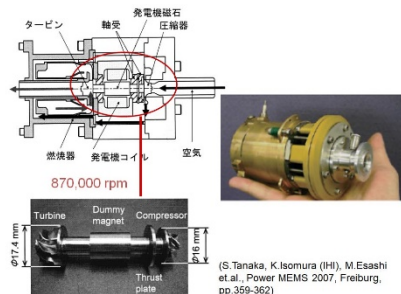
Diaphragm vacuum gauge
(Canon ANELVA)



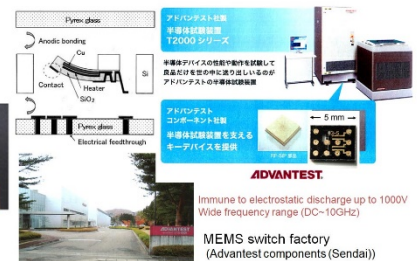
Silicon microphone
(NHK, Panasonic)



LTCC with electrical feedthrough
for MEMS packaging (Nikko)



Palm-top silent gas turbine engine
power generator for robot (IHI)



MEMS switch for LSI tester
(Advantest)