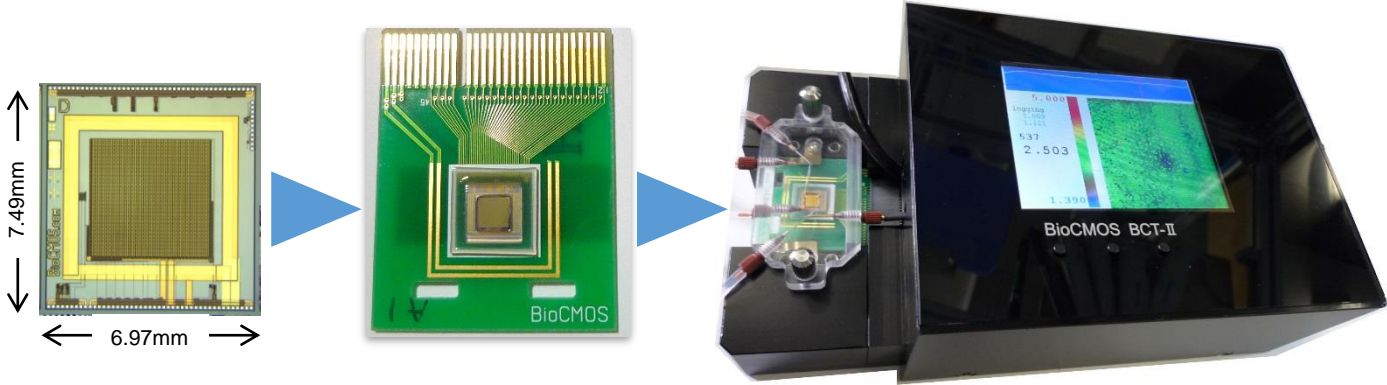


Biological sensing

BCT-II



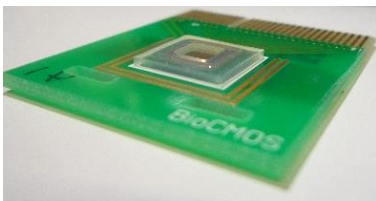
BioCMOS chip
(redox-potential sensor)

BCT-II

BCT-II supports the various types of biological sensor system as a hand-held and stand-alone analyzer. BioCMOS chip includes potentiometric, amperometric, impedimetric and photometric sensors; more than 4,000 sensors on a chip with a size of less than 1 square cm. By inserting the BioCMOS chip, sensing modes are automatically selected.

BioCMOS chips and BCT-II can realize your own applications such as glucose sensor, DNA sequencer, bacteria or virus counting, ion chromatography, electrophoresis, and so on.

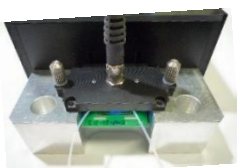
The structure on BioCMOS chip



Elastic liquid sealing
(silicone rubber film bonding)

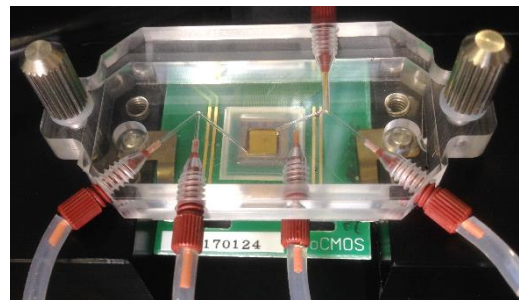


C4D



Optical fiber connection

Connection to sensing area on BioCMOS chip



Flow cell

BCT-II specification

Sensor type	Redox potential, C4D, Photometric
Power	DC 5V (USB port, Type mini-B)
Data storage	USB storage (USB port, Type A)
Dimensions (mm)	W130 x D100 x H55
Weight (g)	650