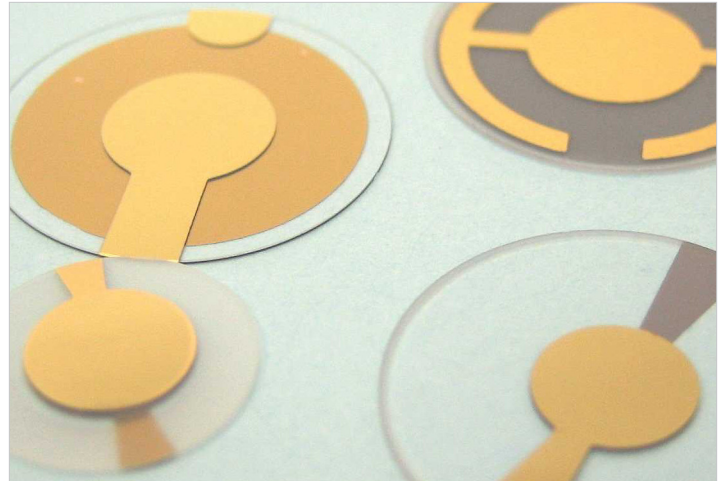


A very wide range of quartz microbalance sensors manufactured to custom specifications.

Circular-blank material with parallel faces and either flat, bevelled, plano or double contoured profiles.

1MHz to 60MHz frequency range, custom electrode configurations with possible wrap around electrodes for single side functionality, resistive layers for self heating capabilities, rectangular substrates for multiple arrays.

Applications include Biomedical Sensors, Metal Deposition Monitors, Environmental Monitoring and Chemical Reaction Monitors.



**Specification data:**

Type	QCM: Quartz Crystal Microbalance
Application	mass sensors, thickness monitors, biomedical sensors, metal deposition, environmental monitors
Material	AT, IT, SC cut crystalline quartz
Frequency	(1 ~ 30)MHz fundamental, (10 ~ 60)MHz third overtone, customer specified
Holder style	customer specified
Mode	fundamental, third, fifth, seventh overtone
Diameter range	(3.8 ~ 25.4)mm
Square range	(1.5 x 2.5)mm ~ (5.0 x 5.0)mm
Wafer sizes	up to (50 x 125)mm
Finish	5μ, 9μ, 15μ lapped finish with etch, optical polish
Electrode material	gold, silver, aluminium, custom configurations

