



ElbaTech srl

Soluzioni elettroniche e Innovazione

QCMagic-Q: mass and quality factor in real time

Measurement of the quartz crystals Quality Factor was proven to give key information about many experimental quantities and parameters that frequency measurements alone cannot provide.

By a feedback-based circuitry, our device can track the Quality Factor together with Frequency, while sustaining the oscillation even in demanding damping conditions, at an acquisition rate fast enough to follow the dynamics of many biological, chemical and electrochemical events.

Our USB-interfaced base unit can be either equipped with standard oscillators or with the novel f-Q measuring endpoint, thus offering the maximum flexibility with minimal economical effort.

