







Crystalline Quartz Deposition Monitors

The quartz crystal deposition monitors are used for measurement of thin film thickness during physical vapor deposition in vacuum evaporation equipment.

electrode form	properties	pictures	
side 1: single-anchor o-) side 2: completely coated	crystalline quartz AT-cut crystal with accuracy $\pm 1^\circ$ 5MHz (4.97MHz) or 6MHz (5.98MHz) diameter 14mm (13.97mm) contact resistance <15 Ohm		
side 1: double-anchor (-o-) side 2: completely coated	crystalline quartz AT-cut crystal with accuracy $\pm 1^\circ$ 5MHz (4.97MHz) or 6MHz (5.98MHz) diameter 14mm (13.97mm) contact resistance <15 Ohm		
side 1: completely coated side 2: completely coated	crystalline quartz AT-cut crystal with accuracy $\pm 1^\circ$ 5MHz (4.97MHz) or 6MHz (5.98MHz) diameter 12.5mm (12.45mm) contact resistance <15 Ohm		

electrode material	properties
silver	universal material that can be used for depositions with oxides, fluorides, iodides, nitrides, as well as with metals, but not suitable for depositions with selenides and sulfides
gold	sensible electrode material that can be mainly used for depositions with metals like gold, silver, aluminium
aluminium	most stable electrode material and can be used for depositions with oxides, iodides, nitrides, selenides, and sulfides

Crucibles for Evaporation Materials

The crucibles for evaporations materials are manufactured from Molybdenum, Tungsten, Tantalum, Niobium, Titanium, and Nickel. The form and the size of the crucibles depends on the evaporation machines and processes. We can offer the crucibles by request.

