

QUARTZ BALANCE QO 40A1

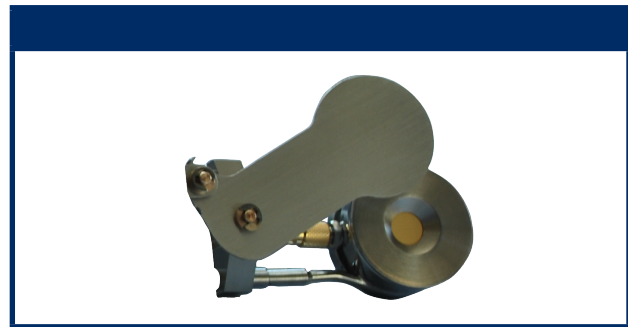
Description

The QO 40A1 instrument provides a real-time, progressive indication of coating thickness during deposition, allowing the production of coatings of high accuracy and reproducibility. The thickness of both evaporated and sputter coated films can be monitored. The sensor head is a water cooled, non-magnetic housing which is permanently positioned in the vacuum system. The crystal face is parallel to the water cooling feedthrough pipes. The QO 40A1 is mounted on a DN 40CF flange with two Ø6 pipes and Microdot S-50 coaxial connector.

Note:

Dimensions and ranges shown in specifications and drawings may be customized on request.

For additional information about control and supply Please refer to chapter **H Electronics** and **I Software**



| Specification | |
|-------------------------------------|---|
| Materials | Non-magnetic materials |
| Cooling | Water 0,8 l · min ⁻¹ using 6mm O.D. tube |
| Operational environment temperature | To 300°C with water cooling To 160°C without water cooling |
| Electrical Connection | 30" Miniature Coax (S-50) Cable Standard (60" available) |
| Crystal | Industry standard 14 mm diameter |

