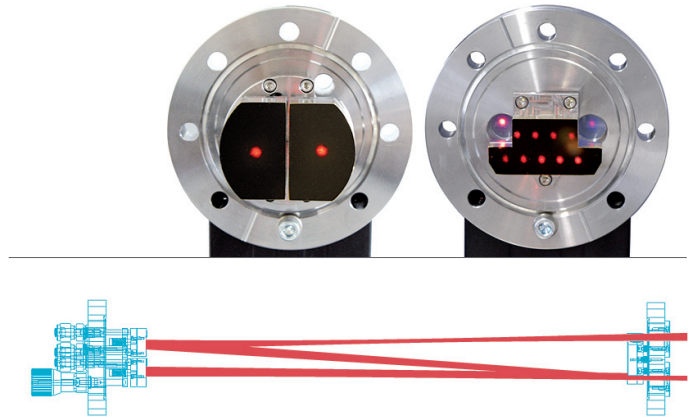


Q-MACS Multipass optics



technical specification

The Q-MACS Multipass optics are a custom-made solution to increase the effective absorption length for infrared absorption spectroscopic applications. It is especially designed to be used with systems of the Q-MACS family. The Multipass optics include a robust and compact set of gold coated mirrors optimized for use in the mid infrared and allow a wide range of possible absorption lengths.

| general | dimension | depending on customer's requirements |
|---------|------------------------------------|--------------------------------------|
| | mirror spacing / absorption length | depending on customer's setup |
| | passes | 4 to 32 (typically) |
| | maximum beam diameter | 15 mm (typically) |