VACUUM OPTICS
OPTICAL COMPONENTS FOR IN-VACUUM AND EX-VACUUM

Optical fibers and collimator optics
Collimator optics with coating protection
Optical vacuum feedthroughs
Slim and miniature size optics
Optical components are the interface between the application process and the detection system: the optics should transfer as much light intensity as possible and it should be flexible and resistant to industrial environments.

We are offering quartz fiber optics in slim size and miniature size for in-vacuum and ex-vacuum use made of stainless steel or aluminum. Especially designed collimator optics with straight and right-angled line of sight allow light detection even in process chambers with obstructed view. All in-vacuum collimator optics are equipped with a protection device to protect the optical surfaces against coating. Easy system integration of the in-vacuum optics is realized by optical vacuum feedthroughs in standard KF and CF flanges. All fiber connections are common SMA connectors.

For detailed information on VACUUM OPTICS please refer to the data sheet.