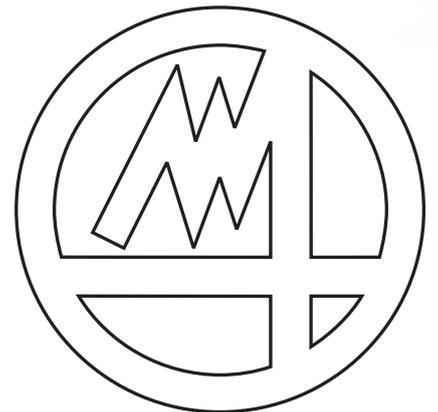




FLEXIBLE
LINE



MARPOSS

The Flexible Line consists of a range of industrial products, named Optoflash and Optoquick, for high precision measurements on shafts. Depending both on part dimensions and measuring challenge, Marposs can offer the perfect flexible solution, in order to achieve the maximum measuring performance and the fastest cycle time.

OPTOFLASH

Designed for small-size shafts, such as fasteners, spool valves, transmission shafts, Optoflash is the perfect solution for accurate quality control in the laboratory as well as in the production environment. Thanks to its optical measuring capabilities and flexibility, Optoflash can resolve a wide variety of quality control applications in the manufacturing industry, from automotive to aerospace or medical applications.

FAST

With the absence of Z-axis motion, the optical acquisition of the complete part - which consumes time on other systems - is performed almost instantaneously on the Optoflash. Therefore its cycle time is impressively fast.

DURABLE

Fixed position sensors means there is no mechanical stress on the unit. Metrological performance of the Optoflash is consistent and stable over millions of cycles. There are also minimal maintenance requirements.



APPLICATION EXAMPLE

- 9x Dynamic Diameters
- 2x Arc Radii
- 4x Axial Distances
- 3x Groove Diameters
- 1x Cylindricity
- 1x Chamfer Angle

**MEASURING CYCLE TIME:
5.6 seconds!**



OPTOFLASH

	XS30	S100	S200	S300
MEASURING RANGE				
LENGTH (mm)	33	100	200	300
DIAMETER (mm)	20	60	60	60
MAX PART WEIGHT (Kg)	1	6	6	6
MEASURING UNCERTAINTY				
LENGTHS	U95 (2+L[mm]/100) μm			
DIAMETERS	U95 (1+D[mm]/100) μm			
PART LOADING MODE	MANUAL and AUTOMATIC			



OPTOQUICK

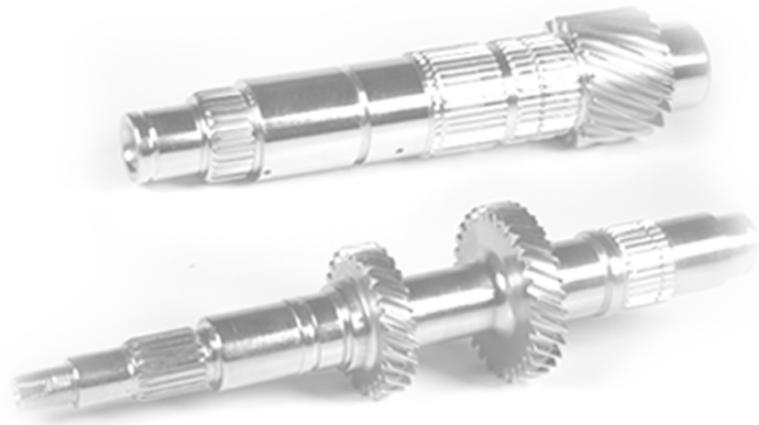
Optoquick is the Marposs product line dedicated to precision measurement of workpieces in the manufacturing environment. Optoquick delivers a superior balance between measurement performance, speed and flexibility. It gives an unrivalled measurement performance in terms of accuracy, repeatability and stability.

EASY TO USE

Optoquick is fast and easy to use and requires no extensive training.

Part loading is ergonomically developed giving an open and clear loading area with no obstructions. Operator safety is guaranteed by using optical safety barriers.

The graphical interface is carefully designed to give clear measurement results that show any part non-conformances on a clear visual part layout. This reduces operator training and increases productivity.



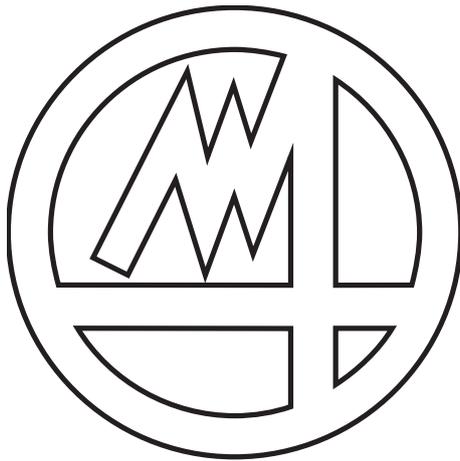
SUPERIOR OPERATIONAL EFFICIENCY

Optoquick helps operators with fast and accurate quality checks directly alongside machine tools. This reduces the “work-in-progress” by eliminating time for transporting parts to dedicated inspection areas.

OPTOQUICK

	M600	M900	L600	L900	XL1200
MEASURING RANGE					
LENGTH (mm)	600	900	600	900	1200
DIAMETER (mm)	126	126	180	180	240
MAX PART WEIGHT (Kg)	15	15	30	30	60
MEASURING UNCERTAINTY					
LENGTHS	U95 (4+L[mm]/200) μm				
DIAMETERS	U95 (1.5+D[mm]/200) μm				
PART LOADING MODE	MANUAL		MANUAL and AUTOMATIC		





MARPOSS

For a full list of address locations, please consult the Marposs official website

Edition 04/2022 - Specifications are subject to modifications © Copyright 2019-2022 MARPOSS S.p.A. (Italy) - All rights reserved.

MARPOSS, logo and Marposs product names/signs mentioned or shown herein are registered trademarks or trademarks of Marposs in the United States and other countries. The rights, if any, of third parties on trademarks or registered trademarks mentioned in the present publication are acknowledged to the respective owners.

Marposs has an integrated system to manage the Company quality, the environment and safety, attested by ISO 9001, ISO 14001 and OHSAS 18001 certifications.