

dLab 1

OPTICAL MEASURING INSTRUMENT FOR
O-RINGS AND TECHNICAL PARTS

PIECES

O-RING
TECH. PART

DIMENSION

1 MM ID – 124 MM OD



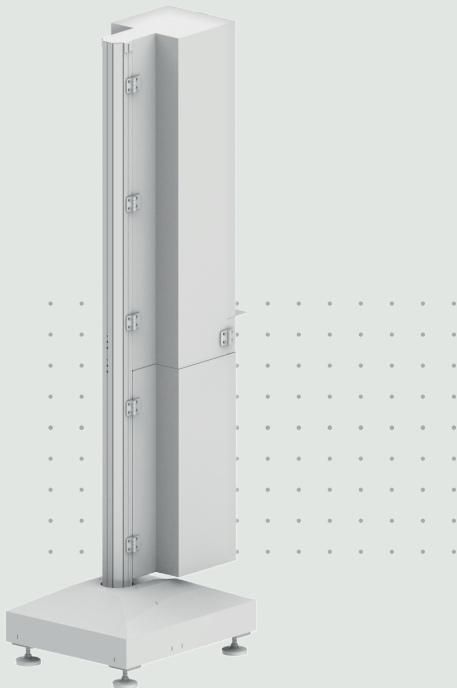
**DIMENSIONAL
CONTROL**

DESCRIPTION

THE INSTRUMENT CONSISTS OF A MEASURING SYSTEM, A
GLASS TABLE AND A TELECENTRIC LENS.

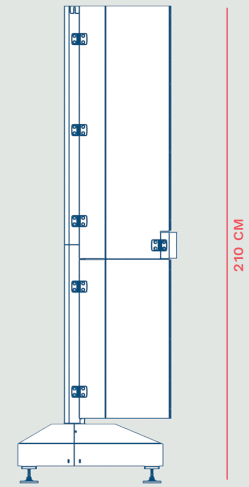
THE OPERATOR PLACES THE PART MANUALLY ON A
TRANSLUCENT GLASS TABLE.

THE HD CAMERA, THANKS TO A TELECENTRIC LENS, ACQUIRES
THE IMAGES WITHOUT ANY DISTORTION. THE DATA RELATED
TO THIS IMAGE IS TRANSFERRED AND AVAILABLE TO THE
OPERATOR THANKS TO A GRAPHICAL INTERFACE.

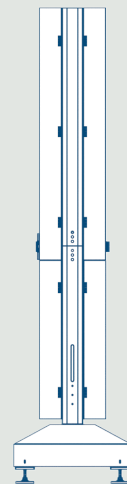


PIECE	TYPE	ELASTOMERS, RIGID MATERIALS
	COLOUR	ALL, NON-TRANSPARENT
	TYPICAL PIECE	O-RING, TECH. PART
	CHARACTERISTICS	CLEAN, FREE OF DUST OR PARTICLES THAT MAY ALTER THE PART'S PROFILE
	MAX WEIGHT	NA
	SIZE	1 MM ID – 124 MM OD
	CROSS SECTION/HEIGHT	0.5 - 30 MM
VISION	RESOLUTION	0.064 MM/PIXEL
	FRAME FIELD	130 MM
	CAMERA RESOLUTION	5 MEGAPIXEL
PERFORMANCES	CYCLE TIME	1 PC/SEC
	REPEATABILITY	± 0.01 MM
	WORKING TEMPERATURE	NA
	ACCURACY	± 0.021 MM
	SINGLE PHASE POWER SUPPLY	230 V – 50 HZ
	MAX INSTALLED POWER	0.5 KW
	ELECTRICAL PROTECTION	IP 44
	AVERAGE CONSUMPTION	0.02 KW

DIMENSION



73 CM



52 CM

CHARACTERISTICS



STATISTIC AND
REPORT



TRACEABILITY OF
PRODUCTION LOTS



REMOTE
MANAGEMENT



M.E.S.
COMPATIBLE



CUSTOMIZABLE FOR
SPECIAL PROJECTS