

FRONT LENS FOR T03 SERIES MEASURING HEADS

SP03-FL-WDXX-SDX.X

This front lens is the optical system at the end of the measuring head (T03 series).

It can be simply and quickly changed to adjust the measuring distance, distance tolerance and spot diameter (spatial resolution).

The choice of the front lens that is best suited to a given application can be done among a large range of existing references.



Available front lenses by spot sizes and measurement distances

Spot diameter (mm)	Measurement distance (mm)	Reference of the front lens	Typical tolerances on distance (mm) ¹	
			Paint, adhesives, polymer coatings...	Metallic, ceramic... coatings
0.3	20	SP03-FL-WD20-SD0.3	±2	±0.5
0.7	20	SP03-FL-WD20-SD0.7	±2	±0.5
2.5	20	SP03-FL-WD20-SD2.5	±2	±0.5
4.9	20	SP03-FL-WD20-SD4.9	±2	±0.5
6.5	20	SP03-FL-WD20-SD6.5	±2	±0.5
0.8	40	SP03-FL-WD40-SD0.8	±4	±1
2.3	40	SP03-FL-WD40-SD2.3	±4	±1
3.3	40	SP03-FL-WD40-SD3.3	±4	±1
10	40	SP03-FL-WD40-SD10.0	±4	±1
12	40	SP03-FL-WD40-SD12.0	±4	±1
8.8	100	SP03-FL-WD100-SD8.3	±10	±4
11.8	150	SP03-FL-WD150-SD11.8	±20	±10
6	450 ²	SP03-FL-WD450-SD6.0	±100	±20

¹Performances values given in this document are typical values obtained with this device but can vary from one application to another. For a diagnosis of those performances on specific samples, please contact Enovasense.