

# 2D Image Processing CMM

## eco Smart View 200-300



eco Smart View

### Special Features

- Table top device for measuring small work pieces
- Base and stage made of steel
- Available as manual or CNC driven version
- Standard configuration includes image processing system and measuring software



Highlights of the eco Smart View Series

### Technical Specifications of the eco Smart View Series

Type	eco Smart View 200		eco Smart View 300	
Measuring range	X	mm	200	300
	Y	mm	100	200
	Z	mm	100	100
Stage	Metal with 2 T-slots			
Stage driving system	Manual (Standard) / CNC-controlled (Option)			
Objective	Manual zoom objective (Standard) / Auto zoom objective (Option)			
Magnification	1x—5x			
Image field		mm	6x4.5—1.2x0.9	
Working distance		mm	83—78	
Camera system	1/2" B/W camera, 0.4 Megapixel (Standard) / 1.3 Megapixel (Option)			
Transmitted illumination	Telecentric, long life LED			
Surface illumination	Long life LED, section-wise controllable			
Co-axial light	Telecentric, Long life LED			
Digital resolution		μm	0.5	
Max. table load (ca.)		kg	20	
Length measurement uncertainty <sup>1)</sup> (DIN EN ISO 10360-2, VDI/VDE 2617)			MPE <sub>E<sub>v</sub></sub> = ± (2.0+L/100 mm) μm, measuring length L in (mm)	
			MPE <sub>E<sub>v</sub></sub> = ± (2.8+L/100 mm) μm, measuring length L in (mm)	
Machine dimensions (ca.)	W	mm	600	740
	D	mm	500	830
	H	mm	850	1000
Netto machine weight (ca.)		kg	85	100
Power supply	220-240 VAC, 50-60 Hz, 500 W			
Measuring software	TOPAS MULTI SOFT			

1) Only valid when using the transmitted light, admissible ambient conditions 20°C±1K, temperature gradient Δth=0.5°K/h

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