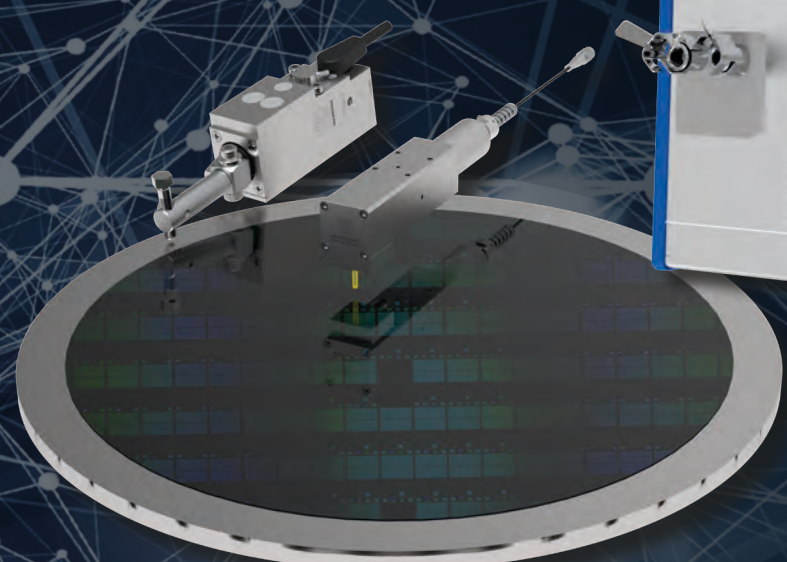


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P3CF

**FOCUS ON
FUTURE**

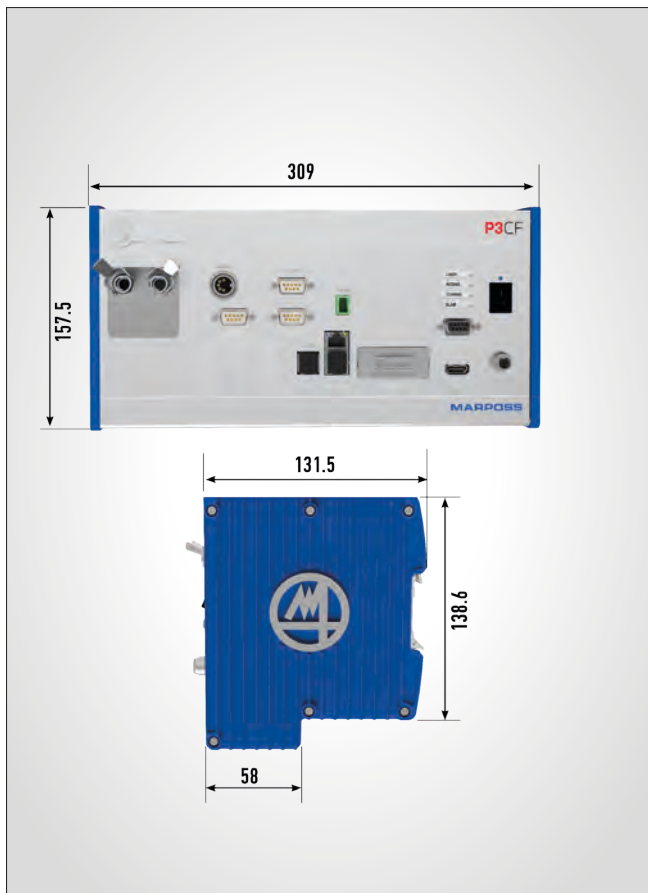
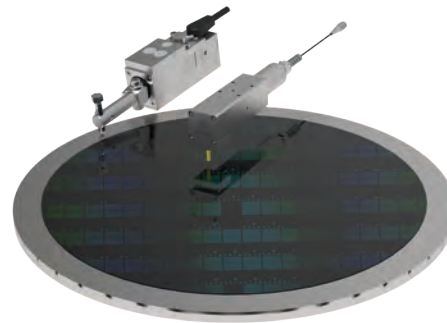


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P3 CF

얇고 섬세한 소재(예: 세라믹, 반도체 웨이퍼, 패키징용 에폭시 몰드 컴파운드 등)의 피니싱 공정은 접촉식 프로브를 사용하여 항상 가능하지는 않은 두께 측정이 필요하였습니다. 공초점 기술을 채택한 P3CF는 공작물 거리와 기준 지지대 거리의 차이와 같은 두께를 간접적으로 측정하여 이러한 한계를 해결하였습니다.

또한 지지대는 일반적으로 접촉 측정을 건디는 덜 섬세한 표면이기 때문에 접촉 프로브와 광학 프로브를 결합한 하이브리드 측정을 위해 시스템을 구성하는 것도 가능합니다.



P3CF UNIT	SPECIFICATION
MEASURING FREQUENCY	up to 2.000 Hz
LIGHT SOURCE	LED
STANDARD MEASURING MODE	Distance
RESOLUTION	0.25 μm
ANALOG OUT	2 (0-10Vdc)
FIELDBUS	Optional
ENCODER INPUTS	3 digital (TTL/HTL Differential/Single Ended)
WEIGHT	3.5 Kg
POWER SUPPLY / CONSUMPTION	24V / 20W
WORKING TEMPERATURE	5°C - 50°C
PROTECTION RATING	IP40

UNIMAR PROBE	Measuring Unit	Values
WORKING RANGE	[μm]	+/- 2000
WEIGHT	[Kg]	0.45
PROTECTION RATING	IP67	
CONFOCAL PROBE	Measuring Unit	Values
MEASURE RANGE	[μm]	0 - 2000
WORKING DISTANCE	[μm]	2000
SPOT DIAMETER	[μm]	20
WEIGHT	[Kg]	1.1
PROTECTION RATING	IP68	

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

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