

Specifications NanoCalc:

	NanoCalc-VIS	NanoCalc-XR	NanoCalc-DUV	NanoCalc-NIR	NanoCalc-XR+NIR	NanoCalc-ST5(mini)
Wavelength:	400 - 850 nm	250 - 1050 nm	190 - 1100 nm	900 - 1700 nm	250 - 1700nm(2200nm)	UV/VIS/NIR
Thickness range:	50 nm - 100 μ m	10 nm - 100 μ m	1 nm - 100 μ m	100 nm - 250 μ m	10nm up to 250 μ m	50nm -100 μ m
Resolution:	0.1 nm	0.1 nm	0,1nm	0,1nm	0,1nm	0,1nm
Repeatability:	0,3 nm	0,3 nm	0,3nm	1nm	0,3nm	1nm
Angle of incidence:	90°					
Number of layers:	up to 10					
Refractive Index:	yes					
Filmthickness of:	transparent or semitransparent materials					
Reference needed:	yes, bare substrat					
Measurement mode:	Reflection and Transmission					
Rough materials:	yes					
Measurement speed:	100ms to 1s					
On-Line possibilities:	yes					
working distance(hight):	1,5-3mm, up to 50mm with collimation (COL-UV-6.35)					
Spot size:	Standard: 200 μ m or 400 μ m, optional 100 μ m on request					
Microspot:	yes, in combination with mikroscope					
Mapping option:	on request					
Connection to PC	USB 2	USB 2	USB 2	USB 2	USB 2	USB 2
# of spectrometers:	1	1	1	1	2	1