

Schmidt+Haensch GmbH & Co		Polartronic M	Polartronic H	Polartronic Hx32
Measuring range		± 360° / ± 259 °Z	± 360° / ± 259 °Z	± 360° / ± 259 °Z
Resolution at:				
	365 nm	0.001° / 0.002°Z	0.0002° / 0.0004°Z	0.0002° / 0.0004°Z
	589 nm	0.001° / 0.003°Z	0.0002° / 0.0006°Z	0.0002° / 0.0006°Z
	882 nm	0.001° / 0.007°Z	0.0002° / 0.0014°Z	0.0002° / 0.0014°Z
Precision over the entire measuring range at:				
	365 nm	± 0.005 / ± 0.015 °Z	± 0.002° / ± 0.01°Z	± 0.002° / ± 0.01°Z
	589 nm	± 0.005 / ± 0.015 °Z	± 0.002° / ± 0.01°Z	± 0.002° / ± 0.01°Z
	882 nm	± 0.005 / ± 0.015 °Z	± 0.002° / ± 0.01°Z	± 0.002° / ± 0.01°Z
Repeatability		± 0.001° / ± 0.003°Z	± 0.001° / ± 0.006°Z	± 0.001° / ± 0.006°Z
Measuring time ≤ 4 sec for measuring of standard solutions over the entire measuring range		x	x	x
Light source		LED	LED	Spectral (sodium + mercury)
Wavelength calibration		automatic	automatic	no need since spectral lamps had no transmission
Linearity calibration		not necessary	not necessary	not necessary
Metal housing		x	x	x
AWC		x	x	x
max. number of wavelengths		2	2	5
Wavelength:				
	365 nm			I
	395 nm			
	405 nm	II		II
	435 nm	II		III
	470 nm			
	505 nm			
	525 nm			
	546 nm	I		IV
	578 nm			VI
	589 nm			V
	625 nm			
	660 nm	II		
	690 nm	II		
	720 nm	II		
	740 nm			
	770 nm			
	810 nm			
	820 nm			
	850 nm			
	880 nm			
905 nm				
920 nm				
940 nm				

