

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 + merkury)
Wavelength calibration		automatic	automatic	no need since spectral lamps had no transmission
Linarity 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	I	II
	435 nm	II	I	III
	470 nm			
	505 nm			
	525 nm			
	546 nm	I	I	IV
	578 nm			(VI)
	589 nm	II	I	V
	625 nm			
	660 nm	II	II	
	690 nm	II	II	
	720 nm	II	II	
	740 nm			
	770 nm	II	II	
	810 nm		II	II
	820 nm			
	850 nm			
	880 nm			
	905 nm			
	920 nm			
	940 nm			

