

System overview

Sample under test	Measurement parameter																			Instrument	Usage		
	On and off-axis MTF measurement	Field of view (FOV)	Eyebow scan	Chief ray angle (CRA)	Relative efficiency	Distortion	Through-focus scan	Virtual image distance (VID)	Depth of focus (DOF)	Absolute luminance	Color	Robot sample loading	Polarization characterization	Widefield one-shot measurement	Veiling glare index	Haze	Non-destructive testing of individual layer thicknesses	Tilt & distance between layers	Bows			Wedges and gravitational sag of individual layers	
AR																							
▪ Prescription lens	x	x	x	x	x	x	x	x	x	x	o	o	o	o							ImageMaster® LAB AR FLEX	R&D	
▪ AR headsets	x	x	x	x	x	x	x	x	x	x	o	o	o	o							ImageMaster® LAB AR FLEX	R&D	
▪ AR projector																							
▪ AR waveguide	x	x	x	x	x	x					o	o	o		o						ImageMaster® PRO AR	Production	
▪ Geometrical waveguide																							
▪ NED modules																							
▪ VPH combiner	x	x	x	x	x	x															ImageMaster® PRO AR (wafer-handler)	Production	
▪ Plano-optical elements																							
▪ Diffractive & reflective waveguides (single or multilayered)																		x	x	x	x	OptiSurf® PRO AR	R&D Production
VR																							
▪ VR lens (conventional, fresnel, pancake)	x		x	x		x		x		o			o		o	o					ImageMaster® LAB VR	R&D	
▪ VR projector module (also varifocal)	x			x		x		x					o		o	o					ImageMaster® PRO VR	Production	

x: included o: optional