System overview

Sample under test	Measurement parameter																				Instrument	Usage
	On and off-axis MTF measurement	Field of view (FOV)	Eyebox 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	o	o	o	o								ImageMaster® LAB AR FLEX	R&D
▪ AR headsets ▪ AR projector ▪ AR waveguide ▪ Geometrical waveguide ▪ NED modules ▪ VPH combiner	x	x	x	x	x	x	x	x	x	o	o	o	o								ImageMaster® LAB AR FLEX	R&D
	x	x	x	x	x	x				o	o	o		o							ImageMaster® PRO AR	Production
	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) ▪ VR projector module (also varifocal)	x		x	x		x		x		o			o		o	o					ImageMaster® LAB VR	R&D
	x			x		x		x					o		o	o					ImageMaster® PRO VR	Production

x: included o: optional