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## Comparison chart polarization microscopy

### Applications and scientific background:

	OCTAX polarAIDE	CRI Oosight
Visualization of birefringent spindle and zona pellucida	Yes	Yes
Overlay image of bright field image and birefringent structures for comprehensive analysis	Yes (green/orange)	Not available
Zona detection	Automatic and interactive (autoscoring mode)	Cost option, detection has to be activated by pressing a button
Automatic oocyte quality scoring	Yes, by inner zona layer analysis	Not available
Inner zona layer analysis	Zona thickness, birefringence and distribution of birefringence measured from multiple points and combined into a zona score; patented and validated algorithm for objective oocyte grading	Measurement of zona birefringence only; Output of raw data; Precise grading not feasible
Added value of zona birefringence assessment proven in a prospective study	Yes, results confirmed by multiple labs	No

### Hardware and software features:

	OCTAX polarAIDE	CRI Oosight
Camera	Custom designed OCTAX USB2.0 camera,  highest image quality for all IVF applications, 1.3 or 3.0 Mpx	USB2.0 1.3 Mpx
Automatic gain control	Yes	No



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	OCTAX polarAIDE	CRI Oosight
PC	Windows XP / Vista Professional, Windows 7	Windows XP Professional
Microscopes	Most common brands and models	Most common brands and models
Software	Multi-purpose image analysis and database included; optimized for IVF routine	Narrow application, cost option for basic tools
Seamless integration of laser and dry IMSI into the same software	Yes	No
Snapshot auto-save	Yes	Yes
Integrated database	Yes	Not available
Hardcopy report	Including images and measures	Cost option
Measurement functions	Yes	Cost option

Available upgrades:

	OCTAX polarAIDE	CRI Oosight
Digital video recorder	Via EyeWare MX upgrade	Not available
Time lapse video recording	Via EyeWare MX upgrade	Cost option
Automatic image export to MS Power Point	Via EyeWare MX upgrade	Not available
Live stream of live video via internet	Via EyeWare MX upgrade	Not available

Customer support:

	OCTAX polarAIDE	CRI Oosight
Hotline, service, maintenance	Directly from manufacturer	Via local distributors