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AIMS Software features available	Version		
	3.9	4.0	4.2
Measurement			
Temperature Measurement (requires Water Conditioner)	●	●	●
Determination of Z distance (depth)		●	●
Beam Alignment (requires Angular Positioner)	●	●	●
Beam Alignment using alternate coordinate system			●
Alignment with X Axis (for arrays)		●	●
Search for Peak (X, Y, and Z)		●	●
Waveform Acquisition	●	●	●
Waveform Averaging in Oscilloscope Hardware	●		●
Waveform Averaging using Correlation		●	●
One-Dimensional Scans	●	●	●
Two-Dimensional Scans	●	●	●
Three-Dimensional Scans			●
Z-Axis scan (for Isppa.0, Isppa.3, Pr.0, Pr.3, PII.0, PII.3, Fc (AWF), PD, MI, and TI)			●
Determination of in-water and derated peak positions			●
XY scan (for power calculation)		●	●
ZX Scan (for SII and Ispta Calculation)			●
Frequency Scans	●	●	●
Therapy Data Acquisition and Calculation - IEC (Aer and Rbn)		●	●
Therapy Data Acquisition and Calculation - FDA (ERA and BNR)		●	●

Calculation, Display, and Output			
Waveform, Spectrum, and PII plots	●	●	●
One-Dimensional Scan Plots	●	●	●
Two-Dimensional Scan Color, Contour, Wireframe, and Slice Plots	●	●	●
Text File Format, Self-Explanatory	●	●	●
Isppa, Ispta, Pr, PII, Fc, PD, MI, and TI Calculations	●	●	●
In-water and Derated Intensity and Pressure Calculations	●	●	●
Beam Width and Area Calculations	●	●	●
Ultrasound Power Calculation	●	●	●
Waveform Output to Excel		●	●
Z-Axis Scan Output to Excel (Including TI)		●	●
XY Scan Output to Excel		●	●
TI Calculation		●	●
SII (Scan Intensity Integral) Calculation			●
Ispta Calculation for scanned and unscanned modes			●
Copy Plots and Text to Clipboard		●	●
Position Status Window		●	●
Waveform Window			●
Hydrophone calibration via planar scanning of calibrated source	●	●	●
Multi-Frequency Hydrophone Calibration Data			●

Control

CEC GPIB Adapter Compatibility	●	●	●
National Instruments GPIB Adapter Compatibility		●	●
Oscilloscope Control (limited older models)	●		
Oscilloscope Control (Agilent, LeCroy, and Tektronix models)		●	●
Support for Agilent DSO5000 & -6000 Series Oscilloscopes		●	●
Auto Scaling Oscilloscope Vertical Sensitivity	●	●	●
Function Generator Control	●	●	●
Stepper Motor Control	●	●	●
Remote (via Ethernet) Control of Stepper Motors		●	●
Water Conditioner Control	●	●	●
Scripting	●	●	●
External Control of AIMS via Ethernet or DLL			●
Enhanced External Control of AIMS via Ethernet or DLL			●
Automatic backup of initialization file			●