# WaveMaster DSO Version 2.3.0 Release Notes

| | New Feature | Enhancement | Software Correction | ITEM | DESCRIPTION |
|---|---|---|---|---|---|
| *WaveMaster DDA-5005A SDA* | × | | | initial release of ASDA | This software release introduces the Advanced Serial Data Analyzer option. |
| | × | | | initial release of DFP2 option | The enhanced Digital Filter Package is now available. |
| | × | | | initial release of XMATH package | This software release introduces the XMATH Advanced Math package. |
| | × | | | initial release of XDEV option | This software release introduces the XDEV Advanced Customization package. |
| | × | | | OE425 and OE455 | This software release supports the Optical-to-Electrical converters. |
| | × | | | AP-1M Hi-Z Adapter | This software release supports the AP-1M high-impedance adapter. |
| | × | | | CPxxx current probes | This software release supports the CPxxx current probes in conjunction with the AP-1M high-impedance adapter. |
| | | × | | Δtime@level parameter | You can now set the level type (% or absolute) for level 1 and level 2 independent of each other. Formerly, changing the level type for one level also changed the other. |
| | | × | | (SinX)/X and ERES | The speed of (SinX)/X and Enhanced Resolution functions has been greatly increased. |
| | | × | | absolute timestamps in Sequence mode | The absolute time (real time) for each segment is now displayed in addition to time since last segment and time since segment 1. This data is accessible via Math→Math Status→Time. (36703) |
| | | × | | Script parameters | Using VBScript or JavaScript, you can now output multiple values from a single input. |

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| | × | | emailed image files | When you email a screen image from the scope, the file name assigned to the file will contain an incremented sequence number, in addition to the scope's serial number and date. |
| | × | | interchannel skew | Overall skew between signals resulting from a change in V/div has been greatly improved. |
| | | × | ScopeExplorer screen capture | Occasional hang-ups from use of this feature have been eliminated. |
| | | × | non-zero clock skew parameter value | A signal applied to both clock 1 and clock 2, at the same slope and level, now consistently returns a value of zero when Skew parameter measurements are taken. |
| | | × | units returned by PAVA? | When the comm header (CHDR) command is set to OFF, the PAVA? query will return the value without the units. |
| | | × | incorrect PW50 parameter calculations | The PW50+ and PW50- parameters now consistently return correct values. |
| | | × | "disk full" message | If you attempt to write data to a floppy disk that is already full, you will now receive a "disk full" message. |

*WaveMaster DDA-5005A SDA* spans the first group of rows above.

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|:---:|:---:|:---:|---|---|
| × | | | initial release of SDM option | This software release introduces the Serial Data Mask option for WaveMaster series DSOs and DDA-5005A. |
| × | | | initial release of SDA | This software release introduces the SDA 3000, SDA 5000, and SDA 6000 Serial Data Analyzers. |

*WaveMaster and DDA-5005A* labels the first of these rows; *SDA* labels the second.