

Version: [1.19.13]

Last Revised: [07/07/2023]

Products: This firmware supports all 3 Series oscilloscopes.

#### History

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v1.19.13 07/07/2023

##### New Features:

- SENT protocol  
Decoding of the SENT protocol.

##### Defects Fixed:

- Switching Loss measurement  
Updated the calculation of conduction loss when the conduction calculation method is MOSFET.

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Version: [1.15.18]

Last Revised: [18/08/2022]

Products: This firmware supports all 3 Series oscilloscopes.

#### History

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v1.15.18 18/08/2022

##### New Features:

- Undo and Redo Support  
Single Undo and Redo enabled
- Network Mounting  
Enhancement in Network Mounting

##### Defects Fixed:

- None

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Version: [1.12.15]

Last Revised: [11/02/2022]

Products: This firmware supports all 3 Series oscilloscopes.

#### History

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v1.12.15 10/02/2022

New Features:

- Mask and Limit support  
The Limit and Mask Testing feature enables testing against limit masks generated from "golden" waveforms and mask testing using custom user-defined masks.
- Zoom enhancement  
Enhancement in Zoom functionality by enabling Drag and Draw support to add Zoom or refine Zoom area.

Defects Fixed:

- None

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v1.10.4 23/06/2021

New Features:

- Export InkSaver screen capture for E\*scope
- Add frequency value to cursor readout as  $1/(\Delta t)$  supporting all Cursor types, Sources, Bus and Digital channels
- Numerical Values enabled on the Vertical Grid

Defects Fixed:

- MPK A and B control locked up in zoom mode after switching the channel using the channel indicator
- To rename the file name to save the measurement result table in the "Save As" window
- User choice of "Save all displayed waveforms" will persist even if he enables or disables other channels.
- Miscellaneous translation fixes

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Version: [1.8.31]

Last Revised: [04/08/2020]

Products: This firmware supports all 3 Series oscilloscopes.

## History

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v1.8.31 04/08/2020

New Features:

- Number of automatic measurements has been increased from four to eight
- Multi-purpose knobs automatically control Zoom Scale and Zoom Position
- Act On Trigger capabilities have been added
- Save All has been added to the Save As configuration menu
- RF Peak data table is saved to csv when Save All is performed in RF
- AM and FM modulation added to the Arbitrary Function Generator option

Enhancements:

- The speed of some automatic measurement calculations has been improved
- The speed of some math waveform calculations has been improved

Defects Fixed:

- Area measurement units have been corrected
- Math equation editor issues have been resolved
- RF measurement span issues have been resolved

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v1.6.0 08/07/2019

Defects Fixed:

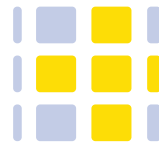
- Zoom scale control now works correctly

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v1.4.26 06/03/2019

New Features:

- Harmonics power measurement results now available in bar chart display
- Results Table data can now be exported via CSV file
- Horizontal delay time is now displayed at the top of the screen when Delay is on



- RF baseband I&Q data can now be exported via TIQ or MAT file
- Digital groups may be selected/deselected by tapping digital channel handle
- The location of digital groups can now be changed by dragging on the display

Enhancements:

- Printing with InkSaver turned on has improved use of color against a white background
- Help screens now available in 11 languages

Defects Fixed:

- Measurement annotations now appear when measurements are first added
- Language translation improvements
- Safe Operating Area power mask editor supports additional points correctly
- The Mean measurement in Advanced Math can now be selected
- Network printing issues have been resolved
- Screen cursors are now linked when Linked Cursor Mode is enabled