

WaveMetrics Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5Rev)

Name of Product/Version: Igor Pro 9 (version 9.x)

Report Date: 2025-08-18

Product Description: Igor Pro 9 is an interactive software environment designed for scientific and engineering data analysis, visualization, and publication-quality graphics creation.

Contact Information: <https://www.wavemetrics.com>

Notes: WaveMetrics is a division of Sutter Instrument.

Evaluation Methods Used: Programmers familiar with the software inspect and assess the software based on compliance criteria.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	Igor Pro 9 includes non-text content such as icons, graphs, and visual indicators. While some visual elements have associated labels or descriptions, not all non-text content has programmatically determinable text alternatives that convey equivalent meaning.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	Igor Pro 9 does not include prerecorded audio-only or video-only media as part of its core functionality. The application is primarily focused on scientific data analysis and visualization, and does not rely on time-based media to convey information. Therefore, this criterion is not applicable.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	Igor Pro 9 does not include prerecorded synchronized media (e.g., video with audio) as part of its core functionality. Therefore, this criterion is not applicable to the product.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	Igor Pro 9 is a scientific data analysis and visualization application that does not include prerecorded synchronized media (e.g., video with audio). Therefore, this criterion is not applicable to the product.
1.3.1 Info and Relationships (Level A)	Partially Supports	Software: most menus, dialogs and user interface conform to operating system standards as implemented through Qt. Accessibility is therefore determined by OS and Qt support.
1.3.2 Meaningful Sequence (Level A)	Supports	Software: user has control over sequence presentation.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions in Igor Pro generally refer to labels, names, or functions rather than relying solely on visual or sensory cues. For example, menus and buttons are

Criteria	Conformance Level	Remarks and Explanations
		identified by text labels, and tooltips provide additional context.
1.4.1 Use of Color (Level A)	Partially Supports	Color is not used as the only means to convey information. Igor Pro 9 uses color to convey information in graphs, plots, and interface elements such as error indicators or selection highlights.
1.4.2 Audio Control (Level A)	Not Applicable	Igor Pro 9 does not include audio content that plays automatically for more than 3 seconds.
2.1.1 Keyboard (Level A)	Partially Supports	Most functions are accessible via command line.
2.1.2 No Keyboard Trap (Level A)	Partially Supports	Some dialogs do not provide full keyboard support
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Supports	Igor Pro does not use single-character keyboard shortcuts by default. All keyboard commands require modifier keys (e.g., Ctrl, Alt), reducing the risk of accidental activation.
2.2.1 Timing Adjustable (Level A)	Not Applicable	Igor Pro 9 does not impose time limits on user interactions or tasks.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	Igor Pro 9 does not include moving, blinking, scrolling, or auto-updating content that starts automatically and lasts more than five seconds. The application is focused on static scientific data analysis and visualization, and does not rely on dynamic or time-based media elements that would require user controls to pause, stop, or hide.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	No flashing content.
2.4.1 Bypass Blocks (Level A)	Not Applicable	Igor Pro 9 is a desktop scientific application and does not use web-based navigation structures or repeated blocks of content across multiple pages. The interface is composed of modular windows and dialogs that do not require mechanisms to bypass repeated content. Therefore, this criterion is not applicable.
2.4.2 Page Titled (Level A)	Not Applicable	Igor Pro 9 is a desktop application and does not use web pages or browser-based navigation. Therefore, the concept of a “page title” as defined in WCAG—

Criteria	Conformance Level	Remarks and Explanations
		used to describe the topic or purpose of a web page—is not applicable. The application uses window titles and dialog labels to orient users, but these are outside the scope of this criterion.
2.4.3 Focus Order (Level A)	Supports	Focus order is relevant in dialogs.
2.4.4 Link Purpose (In Context) (Level A)	Supports	Igor Pro 9 is a desktop application primarily used for scientific data analysis and visualization. Within its interface, hyperlinks—such as those found in help documentation, dialogs, or plugin interfaces—are generally accompanied by descriptive labels or contextual text that clearly indicate their purpose. This ensures that users, including those using assistive technologies, can understand the destination or function of each link based on its surrounding context.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	Igor Pro is a desktop application that primarily uses standard mouse and keyboard interactions. It does not rely on multipoint or path-based gestures for functionality. All actions can be performed using simple pointer clicks or keyboard commands.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	Igor Pro does not trigger critical actions on pointer down events. Most actions (e.g., opening dialogs, executing commands) occur on click release or require confirmation, allowing users to cancel before activation.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Partially Supports	Most standard controls in Igor Pro have accessible names that match their visible labels. However, some custom UI elements (e.g., graphing tools or scripting panels) may not expose accessible names that match the visible text, which could impact speech recognition users
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	Application does require motion device input.
3.1.1 Language of Page (Level A)	Supports	Language is set by the operating system.

Criteria	Conformance Level	Remarks and Explanations
3.2.1 On Focus (Level A)	Supports	Igor Pro 9 does not initiate unexpected changes of context when components receive focus. Navigating through dialogs, menus, and input fields using keyboard or mouse focus does not trigger automatic actions such as submitting forms, opening new windows, or shifting focus elsewhere. This behavior ensures that users remain in control of their interaction and prevents confusion for users relying on assistive technologies.
3.2.2 On Input (Level A)	Supports	Igor Pro 9 does not automatically trigger changes of context (such as submitting forms, opening dialogs, or shifting focus) when users input data into interface components. Changes only occur after explicit user actions, such as clicking a button or confirming a selection. This behavior ensures predictable interactions and supports users with cognitive, motor, or visual disabilities.
3.2.6 Consistent Help (Level A 2.2 only)	Not Applicable	Not applicable to non-web software.
3.3.1 Error Identification (Level A)	Supports	Input errors are indicated with frames and optional text.
3.3.2 Labels or Instructions (Level A)	Supports	Input fields are labeled.
3.3.7 Redundant Entry (Level A 2.2 only)	Supports	Software supports auto naming and macro features to reduce redundant entry.
4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) - Does not apply	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata .
4.1.2 Name, Role, Value (Level A)	Supports	Dialogs generate editable text commands.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Supports	Igor Pro relies on OS controls for video/audio.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	Igor Pro relies on OS to control audio.
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	Igor Pro 9 does not restrict its view or operation to a single display orientation. The application functions in both portrait and landscape modes, depending on the user's system settings and device orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Not Applicable	Software does not collect user information.
1.4.3 Contrast (Minimum) (Level AA)	Supports	Default text display complies with contrast requirement.
1.4.4 Resize text (Level AA)	Partially Supports	Most text can be resized by the application or OS.
1.4.5 Images of Text (Level AA)	Partially Supports	Used in documentation to support high magnification.
1.4.10 Reflow (Level AA 2.1 and 2.2)	Partially Supports	Text may require horizontal scrolling in some windows, but external text editors can be used.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Partially Supports	Most menus, dialogs and user interface components conform to operating system standards as implemented through Qt. Accessibility is therefore determined by OS and Qt support. Some controls—especially in custom dialogs or scripting environments—may not meet the minimum 3:1 contrast ratio required for non-text elements.
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Partially Supports	Igor Pro 9 uses native UI components and custom dialogs that generally maintain layout integrity. However, the application does not consistently support user overrides of text spacing properties such as line height, paragraph spacing, letter spacing, and word spacing. When these properties are modified (e.g., via system settings or assistive tools), some UI elements may not reflow properly, leading to clipping or overlapping text.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Partially Supported	Pointer movement or focus movement is required to dismiss content. There is a general setting to hide tooltips.
2.4.5 Multiple Ways (Level AA)	Not Applicable	Not applicable to non-web software.

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2.4.6 Headings and Labels (Level AA)	Not Applicable	Not applicable to non-web software.
2.4.7 Focus Visible (Level AA)	Supports	Igor Pro 9 supports keyboard navigation throughout its interface. When interactive elements such as buttons, menus, or input fields receive keyboard focus, a visible indicator—such as a border, highlight, or cursor—is displayed to help users identify the currently focused element. This behavior ensures that users relying on keyboard navigation, including those using assistive technologies, can visually track focus location.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Partially Supports	Igor Pro 9 generally maintains visibility of focused components during keyboard navigation. However, in certain custom dialogs or scripting environments, focused elements may be partially or entirely obscured by overlapping interface components (e.g., floating panels or modal overlays).
2.5.7 Dragging Movements (Level AA 2.2 only)	Supports	Igor Pro 9 does not rely on dragging movements for core functionality. The application's interface is primarily composed of menus, dialogs, and static controls for data analysis and visualization. Where graphical manipulation is supported (e.g., moving objects in plots or adjusting sliders), equivalent functionality is typically available through point-and-click interactions or direct numeric input. These alternatives allow users to perform actions without requiring precise dragging gestures, supporting users with limited dexterity or those using assistive technologies.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	Igor Pro 9 is a desktop application with a traditional graphical user interface. Interactive controls such as buttons, sliders, and menu items generally meet or exceed the minimum target size of 24 by 24 CSS pixels (or equivalent platform-specific dimensions). Where smaller targets exist, they are spaced sufficiently to avoid accidental activation of adjacent controls. The

Criteria	Conformance Level	Remarks and Explanations
		application does not rely on densely packed or touch-optimized layouts, and users can operate controls using mouse, keyboard, or assistive technologies without precision challenges. Therefore, Igor Pro 9 supports this criterion by ensuring that pointer targets are either large enough or adequately spaced to meet WCAG 2.2 requirements.
3.1.2 Language of Parts (Level AA)	Not Applicable	Igor Pro 9 is a desktop application and does not present content using markup languages like HTML. It does not include multilingual content that would require programmatic identification of language changes within passages or phrases. Therefore, this criterion is not applicable.
3.2.3 Consistent Navigation (Level AA)	Not Applicable	Not applicable to non-web software.
3.2.4 Consistent Identification (Level AA)	Not Applicable	Not applicable to non-web software.
3.3.3 Error Suggestion (Level AA)	Supports	Suggestions are not offered but values are clipped to allowed range.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	Software is not designed for financial applications.
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Partially Supports	No authentication required after initial installation.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Partially Supports	Igor Pro 9 displays some status messages in a status bar. Most execution results can be printed in a history window or displayed in dialogs.

Table 3: Success Criteria, Level AAA

Notes: Table 3 has been removed. This product has not been tested for conformance to WCAG Level AAA criteria.

Legal Disclaimer (Company)

This Accessibility Conformance Report (ACR) is provided for informational purposes only and reflects the product's accessibility status as of the date indicated on the title page. The information herein is true and accurate to the best of our knowledge at the time of publication.

This document does **not constitute legal advice**, a representation, or a warranty regarding the ability of any person or organization to comply with applicable accessibility laws or standards. Compliance determinations are the sole responsibility of the customer and its users.

Accessibility features and conformance levels may change over time due to product updates or environmental factors (e.g., browser or OS changes).

To request additional accessibility support, please contact us at [support@wavemetrics.com] so we can address them proactively.