

Chapter II-9 — Importing and Exporting Data

File type	Description
General text	<p>Used for archiving results or for exporting to another program.</p> <p>Row Format: <number><tab><number><terminator>[*]</p> <p>Contains one or more blocks of numbers with any number of rows and columns. A row of column labels is optional.</p> <p>Columns in a block must be equal in length.</p> <p>Can export 1D or 2D waves.</p> <p>See Saving Waves in a General Text File on page II-179.</p>
Igor Text	<p>Used for archiving waves or for exporting waves from one Igor experiment to another.</p> <p>Format: See Igor Text File Format on page II-151 above.</p> <p>Contains one or more wave blocks with any number of waves and rows. A given block can contain either numeric or text data.</p> <p>Consists of special Igor keywords, numbers and Igor commands.</p> <p>Can export waves of dimension 1 through 4.</p> <p>See Saving Waves in an Igor Text File on page II-179.</p>
Igor Binary	<p>Used for exporting waves from one Igor experiment to another.</p> <p>Contains data for one Igor wave.</p> <p>Format: See Igor Technical Note #003, "Igor Binary Format".</p> <p>See Sharing Versus Copying Igor Binary Wave Files on page II-156.</p>
Image	<p>Used for exporting waves to another program.</p> <p>Format: TIFF, PNG, raw PNG, JPEG.</p> <p>See Saving Waves in Image Files on page II-180.</p>
HDF4	Igor does not support exporting data in HDF4 format.
HDF5	<p>For help, execute this in Igor:</p> <pre>DisplayHelpTopic "HDF5 in Igor Pro"</pre>
Sound	<p>Used for exporting waves to another program.</p> <p>Format: AIFC, WAVE.</p> <p>See Saving Sound Files on page II-180.</p>
TDMS	<p>Saves data to National Instruments TDMS files.</p> <p>Requires activating an extension.</p> <p>Supported on Windows only.</p> <p>See the "TDM Help.ihf" help file for details.</p>
SQL Databases	<p>Writes data to SQL databases.</p> <p>Requires activating an extension and expertise in database programming.</p> <p>See Accessing SQL Databases on page II-181.</p>

* <terminator> can be carriage return, linefeed or carriage return/linefeed. You would use carriage return for exporting to a Macintosh program, carriage return/linefeed for Windows systems, and linefeed for Unix systems.

Saving Waves in a Delimited Text File

To save a delimited text file, choose Data→Save Waves→Save Delimited Text to display the Save Delimited Text dialog.

The Save Delimited Text routine writes a file consisting of numbers separated by tabs, or another delimiter of your choice, with a selectable line terminator at the end of each line of text. When writing 1D waves, it