

## Chapter II-9 — Importing and Exporting Data

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

<sup>\*</sup> <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