

What was wrong with liters?

In 1964 the liter was officially changed from 1.000028 cubic decimeters to exactly 1 cubic decimeter.

The tables¹ used in constructing WAM+ were from 1961, three years before this correction. As a result, all calculations involving liters, (or any multiples thereof such as milliliters and kiloliters) differed from the modern standard by 28 parts per million in previous versions of this program.

In version 2.0, milliliters and cubic centimeters have now been united in the same "cell" since they are now equal. Since this created a vacancy, the unit "hogsheads" has been added to the volume category.

Equinox software apologizes for any inconvenience or inaccurate result due to this discrepancy.

There is more information regarding the history of the liter in the help file.

Release History:

July 12, 1995 Version 2.0

Three new categories: Energy/Work, Power, & Pressure.

Expanded the main help and glossary to accommodate the new categories.

Liters have been adjusted to reflect modern standards. (See above).

New reference tables feature in the help files.

New algorithms added to fraction converter.

Notebook tabs, which were hard to read with some graphics cards, are now easier to read.

Support for ordering by credit card with an 800 number has been added.

New registration/timer mechanisms.

June 15, 1995 Version 1.48

Limited interim release. (12 copies)

March 21, 1995 Version 1.4 (First world wide release)

Added Trigonometry module thus changing WAM to WAM+.

Fractions and mixed numbers can now be entered directly into cells.

Greatly expanded help screens with new tutorials.

New streamlined interface for the decimal-to-fraction converter.

January 8, 1995 Version 1.3 (Not released)

Added "Angular Measure" category.

New decimal-to-fraction algorithms added to fraction converter.

Fixed numerous bugs in the fraction converter.

October 15, 1994 Version 1.2 (Initial limited public release)

Added the decimal-to-fraction converter.

Several minor bug fixes not worth mentioning. <G>

Many changes to the interface.

Many major changes to the help system.

July 27, 1994 Version 1.1 (Not released)

Added "Time" and "Velocity" categories.

Added the "thermometers".

Many early bug fixes.

Version 1.0

Version 1.0 never existed. No one pays attention to a 1.0 release.

¹Conversion Factors and Tables - Third Edition.
Zimmerman and Levine

Industrial Research Service Inc. 1961

Acknowledgements:

WAM+ was written in C++ using Borland's Object Windows Library ver. 2.0.

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