

THUNDER SCIENTIFIC®
CORPORATION The Humidity Source

HumiCalc®

with Uncertainty

The Ultimate in Complex Humidity Conversions
 now includes the ability to Calculate Uncertainty.
 Made for Windows 11, 10, 8.1 and 7.**

Humidity Calibration and
 Measurement Instruments

NEW FEATURES

Each known item now contains an uncertainty field that you can expand to enter individual uncertainty components.

Once the calculation is performed, the newly calculated values are displayed along with the expanded uncertainty values at the desired confidence level. Each calculated result can also be expanded to see the individual components that made up the final expanded uncertainty value.

SPECIFICATIONS

HumiCalc® with Uncertainty Minimum System Requirements

1GHz Intel® Pentium® or equivalent processor
 256MB of RAM (512MB recommended for complex uncertainty scenarios)
 Minimum 800 x 600 screen resolution
 Microsoft® Windows® 11, 10 (x86 or x64), Microsoft Windows 8.1 (x86 or x64), Microsoft® Windows 7 (x86 or x64)
 Microsoft .NET Framework version 4.0
 Adobe® Acrobat® Reader
 Internet browser

VALIDATION PACKAGE

HumiCalc® with Uncertainty Validation is a series of documents used to confirm that the **HumiCalc® with Uncertainty** application complies with its requirements and specifications.

The validation contains around 1,800 pages of test cases composed of detailed mathematical calculations for the core conversion, derivative uncertainty and unit calculations.

This Validation Document can be purchased separately.

ORDERING INFORMATION

VISA® & MasterCard® and other major credit cards accepted.



** ® Windows 11, 10, 8.1 and 7 are Trademarks of Microsoft Inc.

FEATURES

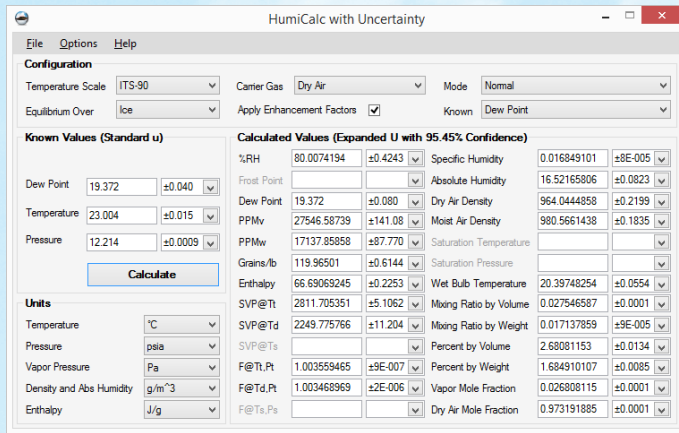
- **Highly Accurate Formulas that Replace Charts and Tables**
- **Automatically Applies Enhancement Factors and Temperature/Pressure Corrections**
- **User Selectable Units of Temperature, Pressure, Vapor Pressure, Density, and Enthalpy**
- **Now includes the ability to Calculate Uncertainty and As Found Error**

DESCRIPTION

HumiCalc® software is the first of its kind to make simple work of complex humidity conversions. No more charts! No more tables! No more guess work! With its high accuracy formulas, **HumiCalc®** gives you the right answer every time. The new **HumiCalc® with Uncertainty** expands on the original **HumiCalc®** with the ability to calculate complex humidity uncertainties with ease.

UNCERTAINTY FUNCTIONALITY

HumiCalc® with Uncertainty can make simple work of Uncertainty budgets by giving you a calculator that performs all your humidity uncertainty calculations automatically.



THUNDER SCIENTIFIC®

623 Wyoming Blvd. SE • Albuquerque, New Mexico 87123-3198
 Ordering: 800.872.7728 • Tel: 505.265.8701 • FAX: 505.266.6203

www.thunderscientific.com