

## Desktop Calculation Software Applications

## FLOCALC™.net

The KELTON standard calculation package contains the most comprehensive set of calculations available to flow measurement engineers. This can be provided as part of the KELTON MeterManager™ or as a stand-alone application. With FloXL™.net the full range of calculations can be used from within Microsoft Excel.

### Features:

- Vast library of traceable calculations
- Based on industry standards
- Microsoft Excel 2010 compatible
- KELTON MeterManager compatible
- Current and historical standards included
- Calculations verified by separate independent and proven software
- Save, retrieve and export results
- Print calculation reports

### Benefits:

- Easy to use
- Portable
- Saves time and money
- Accurate and dependable
- Fully traceable
- Supported by KELTON

The application is based on a true understanding of the complexities of flow measurement and its central importance to operators and design engineers, by providing fast, accurate and reliable results. FLOCALC.net calculations are constructed using a common interface which allows the selection of calculation options, engineering units and resolution to obtain digit agreement to give confidence in the calculation being validated.

When integrated with KELTON MeterManager, values can be automatically read from and written to computer systems using OPC. Calculations can be saved and results presented as reports, which can be printed or saved as a PDF for distribution. Live FLOCALC.net calculations can be included in Microsoft Excel 2010 or 2013 workbooks. Calculation inputs and outputs are linked to cell references using the simple FloXL.net interface.

As with FLOCALC.net, FloXL.net calculations can be performed using any common metric or imperial engineering unit.

FloXL.net functions can be dragged and dropped in the same way as standard Microsoft Excel functions, to perform repeat calculations.

FloXL.net functions will recognise absolute and relative cell references, as well as named cells to integrate seamlessly with the functionality of Microsoft Excel. This enables trending and charting of results, as well as more advanced data functions, such as Goal Seek.

FloXL.net is ideal for constructing workbooks using multiple calculations with common inputs. A complete flow computer calculation can be reproduced on a single Microsoft Excel worksheet. For example, using ISO 5167 with density calculated using AGA 8, calorific value and standard density calculated using ISO 6976.

## UNCERTAINTYPLUS™

Uncertainty in measurement is undoubtedly a major factor in the decision making process for investment in measurement/allocation systems.

### Features:

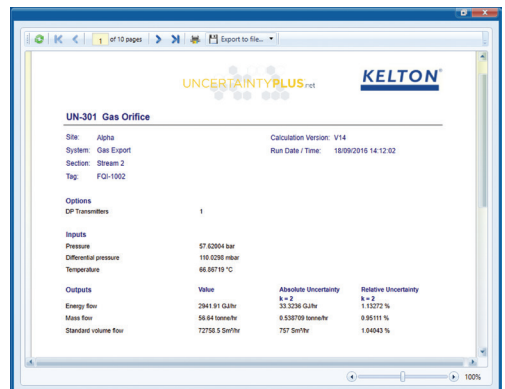
- Easily assess your financial exposure
- Determine the correct level of measurement expenditure
- Focus investment on the areas that matter
- Identify and prevent costly bias errors
- Optimise measurement systems
- Increased shareholder and stakeholder confidence
- Proof of 'due diligence' on measurement systems
- User can make changes i.e. you are in control

### Benefits:

- Complies fully with the relevant National and International Standards and Guidelines
- Easy to use graphical interface
- User can easily run 'What If' scenarios
- Connected online to your measurement system allows 'Real Time Uncertainty'
- Provides sensitivity analysis down to component level
- Show the effect of extending calibration frequencies and/or tolerances
- Show uncertainties in percentage terms, units of measurement or currency

The KELTON UNCERTAINTYPLUS modules remove the gamble by providing dynamic uncertainty models for any measurement, allocation or transportation system. The models allow the user to run their own commercially sensitive scenarios and provide the definitive management tool for investment decisions with the questions of "how much should I spend?" And "what is my commercial exposure?" Being answered.

Proving your systems' uncertainty is now a regulatory requirement in fiscal, allocation and environmental measurement and UNCERTAINTYPLUS provides a cost effective tool to meet your obligations.



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## Microsoft Partner

Gold Application Development

KELTON are Microsoft Certified Partners. Our range of software applications are developed and supported by our permanent in-house team of developers and engineers.