EasyStat

**EasyStat 4.4** is a collection of simple, widely applicable methods for the visualization of data and facilitates the application of elementary statistical methods.

Due to its exceptional user-friendliness, EasyStat is especially well suited for routine use in the laboratory. It is validated.

EasyStat is an add-in for Microsoft Excel / Windows from version 2000 onwards.

The following statistical tools have been implemented in EasyStat:

- **Histogram**, stratified histogram, stem-and-leaf diagram (for inspection of data)
- **Boxplot** (for compact presentation of data, comparison of groups)
- **Quantile plot** (for judging distribution normality)
- **Summary statistics** (mean, median, quartiles, standard deviation, etc.)
- **Confidence interval** (e.g. to set specifications)
- **new**: Outlier-Tests (for identifying and adequate treating of extreme values)
- **Scatterplot**, normal or with stratification (for identifying and better understanding of relationships between variables); several variables: scatterplot matrix
- **Correlation** and **linear regression**, normal or with confidence lines (for quantifying the linear relationship between two variables); prediction and calibration

**Process capability analysis**

- **new**: Process capability analysis (for assessing location and stability of a process), incl. calculation of capability indices
- **extended**: Control chart, also with calculation of Cp and Cpk, and Cusum chart (for process monitoring, disturbance identification and shift detection)

**Interlaboratory experiment** (for repeatability and reproducibility studies)

- **new**: t-Test (most common test for comparing two samples); lucid user guidance for choosing the appropriate test (paired, unpaired, unequal variances)
- **new**: ANOVA (analysis of variance, for comparing several samples), for up to two factors, if desired including their interaction; still possible if some measurement values are missing.

**Courses**

AICOS Technologies Ltd. offers several two-day courses with exercises on PC: **Visualization of Lab Data, Analysis of Lab Data, Biostatistics, Statistical Quality and Process Control.** In these courses, EasyStat is used, such that you get experience with the software on practical examples according to your interests.

**Contact**

For questions and information on EasyStat or the courses please contact:

AICOS Technologies Ltd.
Efringerstrasse 32, CH-4057 Basel, Switzerland
Phone: +41 61 686 98 77, Fax: +41 61 686 98 88
E-mail: info@aicos.com
Please visit also our web site:

**www.aicos.com**
Request Form for an EasyStat demo version

Please send me the demo version of EasyStat, the Excel-Add-In for data-visualization and elementary statistics, free of charge for a test period of one month:

From: .............................................. until: ..............................................

Desired language:  ☐ English  ☐ German  ☐ French

If I do not acquire a license of EasyStat I will send back the program disk and the printed documentation.

Name: ...........................................................................................................
Company: ........................................................................................................
Address: ...........................................................................................................
......................................................................................................................
......................................................................................................................
Phone: ............................................................................................................
Fax: ...................................................................................................................
E-mail: .............................................................................................................
Date: ................................................................................................................
Signature:  ________________________________________________________________