Efficiency
in Mass Determination

Software Solutions

Secure

Proficient

User-optimized

Mass Metrology Software

Comp Software By METTLER TOLEDO Mass Metrology Software

METTLER TOLEDO

Software Solutions
at a Glance

For a flawless traceability of weights to the International Prototype Kilogram it takes the most accurate Mass Comparator and a highly efficient software solution to exclude any error caused by human factor.

When comparing weights with references, you can best rely on METTLER TOLEDO's unique expertise in the world of mass determination: Tailored software solutions for Mass Comparators guarantee efficient workflows and accurate and secure results, assuring full traceability at all times.

Efficiency in Nature
It is estimated that one third of the human food supply depends on insect pollination, most of which is accomplished by bees.

Product Overview

WeighCom and MCLink
The software solutions for Manual Mass Comparators. WeighCom and MCLink enable a guided mass comparison of weights including fully detailed reports. MCLink also calculates the uncertainty budget and STD for statistical process control.
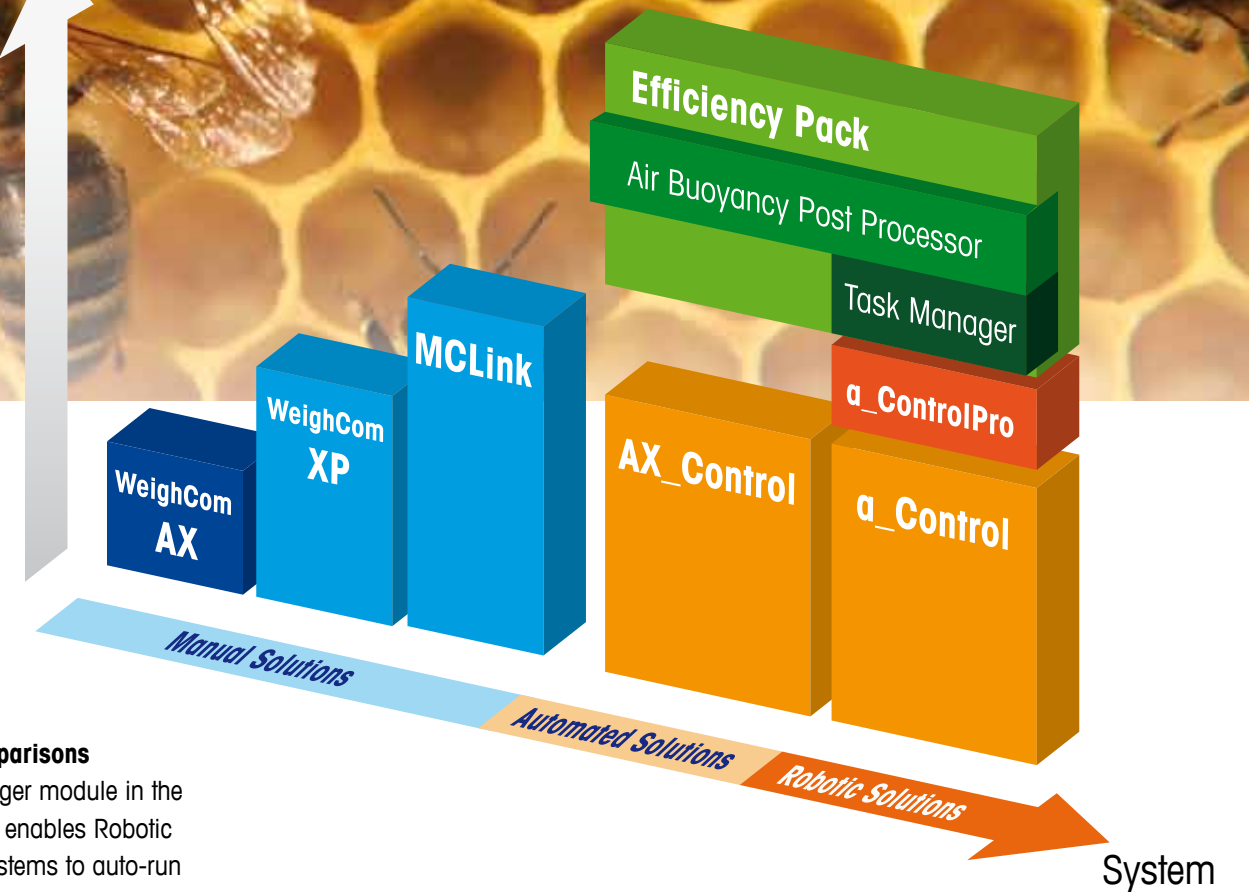
AX, a_Control and a_ContolPro
The software solutions for Automated and Robotic Comparators. The latest generation of mass comparator control software AX_Control and a_ControlPro enable complete automated workflows, including weight comparisons, air data acquisition and measurement reports.

Efficiency Pack
Boosts the efficiency of Automated and Robotic Mass Comparators. The Task Manager and the Air Buoyancy Post Processor (ABPP) increase efficiency by additional automation of weight comparisons and data processing.

Efficiency

Efficiency Pack
Air Buoyancy Post Processor
Task Manager
a_ControlPro

WeighCom AX
WeighCom XP
MCLink
AX_Control
a_Control

Manual Solutions
Automated Solutions
Robotic Solutions

System

Non-stop Comparisons
The Task Manager module in the Efficiency Pack enables Robotic Comparator Systems to auto-run multiple weighing processes without human intervention and time effort.

Intelligent Processing
The Air Buoyancy Post Processor (ABPP) applies air buoyancy corrections automatically for true and conventional mass. In addition, it offers the possibility to process data any time later on.

Efficiency Pack
the Future of Mass Comparison

Software Solutions for Mass Determination

WeighCom For Manual Comparators

Benefits

- Simple configuration
- One touch calibration
- Acoustic and on-screen user guidance
- Comprehensive report

Main Features

- User guided weight determination
- Operates in multiple languages
- Database for 32 reference weights
- 8 definable processes
- Air buoyancy correction
- Automatic report print out
- Protection of sensitive data
- Data transfer with RS232

MCLink For Manual Comparators

- Straightforward configuration
- User-friendly process guidance
- Simultaneous mass comparison – up to 4 Comparators
- Flexible process definition
- Secure data setting

- Air buoyancy correction
- Uncertainty budget calculation
- Unlimited standards database
- Customized weighing schemes
- Measurement reports in .txt or .xls
- Compatible with all Manual Mass Comparators (AT, AX, UMT, UMX, PR, KA, XP, etc)

AX_Control and a_Control For Automated and Robotic Comparators

- Fully automated process
- Utmost performance with minimize human intervention
- Automatic data reporting
- Optimized process start time
- Direct data export via serial port

- Serial interface Comparator control
- Automatic climate data acquisition
- Full freedom in magazine places selection
- Weighing process monitoring
- Detailed report in .xls or .txt

a_ControlPro For Robotic Comparators

- Full dissemination capabilities
- Automatic upward / downward calibrations with groups of up to three weights

Efficiency Pack For Automated and Robotic Comparators

- Task Manager for multiple jobs
- Air density calculation according CIPM 2007
- Air buoyancy correction calculation
- Enhance productivity by running all loaded weights at once
- Older reports compilation at any time

- ABPP Air Buoyancy Post Processor
- Individual measurements report
- Conventional and true mass calculation
- Reporting in .xls or .doc

www.mt.com/comparators

For more information