Sartorius® ME/SE — Ultra-Micro/MicroBalances

SE additional features

- Motorized draft chamber with memory allows access from front or sides; draft chamber is easily removed for cleaning or retrieval of dropped samples; equipped with EUREKA†; SURE§
- Additional applications on board: animal weighing, formulation, statistics, calculation, timer, density determination, memory (300)
- Additional printer port; user friendly design, displays menu and prompts in plain English

ME additional features

- Motorized draft chamber with memory allows access to door from front or sides; equipped with EUREKA†; SURE§
- Easily removed draft chamber for cleaning or retrieval of dropped samples
- Additional printer port; user friendly design display menu; prompts in plain English
- Additional applications on board: animal weighing; formulation; statistics; calculation; timer; density determination; memory (300)

ME36S additional features

- High capacity microbalance with a 31 g capacity
- New S.U.R.E. function for dynamic display of the uncertainty of measurement according to the DKD Calibration Certificate
- Ideal for use as measuring and test equipment in quality management systems
- Draft shield operation with learning function activated by user-friendly draft shield keys
- Fully automatic draft shield system for fast adaption to any work routine

STANDARD FEATURES

- Below balance weighing
- RS-232 full-duplex interface
- GLP/GMP printout protocol
- Backlit LCD display
- isoCAL calibration
- Reprotest (ME & SE series)
- SQmin (ME & SE series)
- Configured printout (ME, SE & ME36S)
- Number keys
- Alpha keys (ME & SE)
- Applications on board: counting, checkweighing, percent weighing, unit toggle, net total, backweighing

SPECIFICATIONS

CAPACITY:
SE2: 2.1 g
ME5: 5.1 g
SE2-F: 2.1 g
ME5-F: 5.1 g
ME36S: 31 g

REPEATABILITY:
SE2, SE2-F: ±0.25 µg
ME5, ME5-F: ±1 µg
ME36S: ±<2 µg

READABILITY:
SE2, SE2-F: 0.1 µg
ME5, ME5-F, ME36S: 1 µg

LINEARITY:
SE2, SE2-F: ±0.9 µg
ME5, ME5-F: ±4 µg
ME36S: ±<10 µg

STABILIZATION TIME:
SE2, ME5, SE2-F, ME5-F: 10 seconds

ADAPTABILITY:
User adjustable through four optimized filter levels

OPERATING TEMPERATURE:
41°F to 104°F (5°C to 40°C)

CALIBRATION:
SE2, ME5, SE2-F, ME5-F: isoCAL; built-in

SHIPPING WEIGHT:
SE Series: 28 lb
ME Series: 28 lb

PAN SIZE:
SE2, SE2-F: 0.8 in (20 mm) dia.
ME5, ME5-F: 1.2 in (30 mm) dia.

CALIBRATION WEIGHT (EXTERNAL):
SE2: 2 g
ME5: 5 g

COMMUNICATIONS:
SE2, ME5, SE2-F, ME5-F: RS-232C plus dedicated printer port

WARRANTY:
Three-year limited warranty

*SQmin: Minimum sample quantity according to the USP.

†EUREKA: Built-in software that yields the actual value of a sample by compensating for the interference of air buoyancy due to the density of the sample.

††PICASO: Pipette calibration software for Windows®

§SURE: Function for uncertainty of measurement