

Sartorius ME Series

Semi-Micro Balances



STANDARD FEATURES

- SQmin*
- isoCAL calibration
- Reptest
- Two RS-232 full-duplex interfaces to allow greater flexibility
- GLP/GMP print out protocol
- Configured print out
- Backlit Liquid Crystal Display (LCD)
- User-friendly design displays menu and prompts in plain English
- Number and alpha keys
- Below balance weighing
- Monolithic weighing cell for fast, accurate results
- FAST** motorized draft shield system 7.2h x 11.5 in (193mm x 182mm x 292mm)
- NICE† static electricity eliminator
- Additional printer port
- Equipped with EUREKA††
- Applications on board: counting, checkweighing, percent weighing, unit toggle, animal weighing, net-total, formulation, statistics, calculation, timer, backweighing, density determination, memory (300)

ME235P-SD additional features

- Short draft shield for pipette calibration or for use in automated systems
- Upper draft shield element with 2.36 (60mm) diameter opening and lid

SPECIFICATIONS

CAPACITY:

ME235S: 230 g
 ME235P, ME235P-SD: 60/110/230 g
 ME414S: 410 g
 ME254S: 250 g
 ME614S: 610 g

READABILITY:

ME235S: 0.01 mg
 ME235P, ME235P-SD: 0.01/0.02/0.05 mg
 ME414S, ME254S, ME614S: 0.1 mg

REPEATABILITY:

ME235S: ± 0.015 mg (up to 60 g),
 ± 0.025 mg (60 g to 230 g)
 ME235P, ME235P-SD:
 ± 0.015 mg (up to 60 g),
 ± 0.04 mg (60 g to 230 g)
 ME254S: ± 0.07 mg
 ME414S: ± 0.1 mg
 ME614S: ± 0.1 mg

LINEARITY:

ME254S: ± 0.15 mg
 ME235S: ± 0.1 mg
 ME235P: ± 0.15 mg
 ME235P-SD: ± 0.15 mg
 ME414S: ± 0.3 mg
 ME614S: ± 0.4 mg

STABILIZATION TIME:

Less than or equal to eight seconds

SENSITIVITY DRIFT:

1 ppm/°C

CALIBRATION:

isoCAL

PAN SIZE:

3.5 in (90 mm) diameter

CALIBRATION WEIGHT:

ME254S, ME235S, ME235P, ME235P-SD: 200 g
 ME414S: 400 g
 ME614S: 600 g

WARRANTY:

Three-year limited warranty

*SQmin: Minimum sample quantity according to the USP.

**FAST: Fully Automatic by Soft Touch. Draft shield system with fully automatic operation by the touch of a key.

†NICE: Neutralization by Ionic Charge Elimination. Done easily by the touch of a key.

††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.