



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 7.6in x 7.2in x 11.5in (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 2.36in (60mm) diameter opening and lid

SPECIFICATIONS

CAPACITY:

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

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 60g),
 ± 0.025 mg (60g to 230g)
 ME235P, ME235P-SD:
 ± 0.015 mg (up to 60g),
 ± 0.04 mg (60g to 230g)
 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:

3.5in (90mm) diameter

CALIBRATION WEIGHT:

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

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.

PART #	SARTORIUS MODEL #	DESCRIPTION	EST. SHIP WEIGHT
79217.....	ME235S	230g x 0.01 mg	40lb
79218.....	ME235P	60/110/230g x 0.01/0.02/0.05mg.....	40lb
79219.....	ME235P-SD	60/110/230g x 0.01/0.02/0.05mg.....	40lb
66498.....	ME254S	250g x 0.1 mg	40lb
32633.....	ME414S	410g x 0.1 mg	40lb
79221.....	ME614S	610g x 0.1 mg	40lb

OPTIONS/ACCESSORIES

36907.....	YDP03-OCE.....	Data printer with statistics and time/date functions (included cable fits RS-232).....
31103.....	6906937	Paper for data printer (PN 36907), five pack.....
31106.....	6906918.....	Replacement ribbon for data printer (PN 36907)
70481.....	YCP03-2	PICASO†† pipette calibration software only (Windows®)
31071.....	YRB05Z.....	Battery pack, rechargeable, external.....
70487.....	YRD02Z.....	Remote display, reflective, 3 ft (fits RS-232)
70488.....	YRD11Z.....	Indicator, red-green-red, for over/under checkweighing and checkweighing software, 9ft fits RS-232
31117.....	IDAC-97	Digital-to-analog converter (fits RS-232).....
70489.....	QLC-97	Quad limit controller (fits RS-232)
46529.....	YFS01	Foot switch with T-connector, for remote control of print, tare, cal, F, CFR, or toggle key (set up in menu)
70490.....	YHS02.....	Hand switch with T-connector, for remote control of print, tare, cal, F, CF, or toggle key (set up in menu)
32637.....	LD2	Locking device, anti-theft
31121.....	YPE01RC	Foot switch with T-connector, open/close door, tare, print.....
31082.....	YDK01	Density kit (does not include software)

††PICASO: Pipette calibration software for Windows®

Windows is a registered trademark of Microsoft Corporation

C&M SCALE
 CALL FOR A QUOTE!
www.cmscale.com

Toll Free (800) 243-3721
 Phone # (708) 771-0100
 Fax # (708) 771-0195