

### Standard Features

- State-of-the-art TFT touchscreen operation
- Modular design
- User-configurable and custom designed to meet changing applications
- Meets advanced Pharma compliance including user/password management for security, audit trail function logs and integrated alibi memory
- RS-232 and USB communication
- Easy cleaning by removing glass doors
- Underweigh hook included
- Manual glass draft shield

### Specifications

#### Weighing Units:

Milligram, Gram, Kilogram, Ounce, Pound, Carat, Pennyweight, Troy Ounce, Grain, Newton Pound/ Ounce, Micrograms. (See technical manual for complete listing)

#### Operating Modes:

Mass Unit Conversion, SQ Min Function, ISO-Cal Function, Density Determination (Buoyancy method only with MSE), Calculation, Averaging, Formulation, Percent Weighing, Totalizing, Counting, Customized Identification, Statistics, Time Control Function, Second Tare Memory, Over/Under Checkweighing

#### Power:

120 V AC adapter auto ranging

#### Stabilization Time:

1 second

#### Calibration Weight:

124S: 100 g  
224S: 200 g  
324S/P: 300 g  
524S/P: 500 g

#### Operating Temperature:

5 °C to 40 °C (41 °F to 104 °F)

#### Est. Weight:

30 lb

#### Warranty:

Two-year Limited

#### Return Policy:

Sartorius standard policy - restock fee may apply

| Model                           | Capacity      | Readability    | Repeatability  | Linearity | Weighing Chamber                        | Pan Size                     | Dimensions                                 | Part #        | List Price |
|---------------------------------|---------------|----------------|----------------|-----------|-----------------------------------------|------------------------------|--------------------------------------------|---------------|------------|
| <b>MCE with TFT Touchscreen</b> |               |                |                |           |                                         |                              |                                            |               |            |
| <b>MCE324P</b>                  | 80/160/320 g  | 0.1/0.2/0.5 mg | 0.1/0.2/0.4 mg | 0.5 mg    | 8 × 8 × 10.2 in<br>(205 × 205 × 261 mm) | 3.3 × 3.3 in<br>(85 × 85 mm) | 16 × 9.8 × 14.6 in<br>(410 × 249 × 370 mm) | <b>195801</b> | Consult    |
| <b>MCE524P</b>                  | 120/240/520 g | 0.1/0.2/0.5 mg | 0.1/0.2/0.5 mg | 0.5 mg    | 8 × 8 × 10.2 in<br>(205 × 205 × 261 mm) | 3.3 × 3.3 in<br>(85 × 85 mm) | 16 × 9.8 × 14.6 in<br>(410 × 249 × 370 mm) | <b>195800</b> | Consult    |
| <b>MCE124S</b>                  | 120 g         | 0.1 mg         | 0.1 mg         | 0.2 mg    | 8 × 8 × 10.2 in<br>(205 × 205 × 261 mm) | 3.3 × 3.3 in<br>(85 × 85 mm) | 16 × 9.8 × 14.6 in<br>(410 × 249 × 370 mm) | <b>195697</b> | Consult    |
| <b>MCE224S</b>                  | 220 g         | 0.1 mg         | 0.07 mg        | 0.2 mg    | 8 × 8 × 10.2 in<br>(205 × 205 × 261 mm) | 3.3 × 3.3 in<br>(85 × 85 mm) | 16 × 9.8 × 14.6 in<br>(410 × 249 × 370 mm) | <b>195696</b> | Consult    |
| <b>MCE324S</b>                  | 320 g         | 0.1 mg         | 0.1 mg         | 0.3 mg    | 8 × 8 × 10.2 in<br>(205 × 205 × 261 mm) | 3.3 × 3.3 in<br>(85 × 85 mm) | 16 × 9.8 × 14.6 in<br>(410 × 249 × 370 mm) | <b>195695</b> | Consult    |
| <b>MCE524S</b>                  | 520 g         | 0.1 mg         | 0.1 mg         | 0.4 mg    | 8 × 8 × 10.2 in<br>(205 × 205 × 261 mm) | 3.3 × 3.3 in<br>(85 × 85 mm) | 16 × 9.8 × 14.6 in<br>(410 × 249 × 370 mm) | <b>195799</b> | Consult    |

### Options/Accessories

| Part #         | Model # | Description                                                                                           | Price   |
|----------------|---------|-------------------------------------------------------------------------------------------------------|---------|
| <b>Consult</b> | DA      | Automatic motorized draft shield for analytical balances (factory installed)                          | Consult |
| <b>Consult</b> | DI      | Automatic motorized draft shield for analytical balances, with integrated ionizer (factory installed) | Consult |
| <b>Consult</b> | TR      | Certificate of compliance and full factory test report (factory installed)                            | Consult |
| <b>Consult</b> | IR      | Additional RS-232, 25-pin connection (factory installed)                                              | Consult |
| <b>156906</b>  | 6971987 | Power supply, 100 to 240 V                                                                            | Consult |
| <b>156908</b>  | 6900900 | Cord, power 220 V EU                                                                                  | Consult |
| <b>Consult</b> | IP      | Additional RS-232, 9-pin connection with PS/2 port                                                    | Consult |

