

## Cubis® II Series MCE

## Standard Features

- State-of-the-art, TFT touchscreen operation
- Fast stabilization time
- 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
- Underweigh hook

## 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

## Power:

120 V AC adapter (auto ranging)

## Stabilization Time:

1202S, 2202S, 4202S, 5201S, 8201S, 12201S: 0.8 seconds  
6202P, 6202S, 8202S, 10202S, 5202S, 14202S, 14202P: 1 second

## Calibration Weight:

1202S: 1 kg  
2202S, 4202S: 2 kg  
5201S, 6202S, 8201S, 8202S: 5 kg  
5202S: 5,000 g  
10202S, 12201S, 14202S, 14202P: 10 kg

## Temperature:

Operating:  
5 °C to 40 °C (41 °F to 104 °F)

## Est. Weight:

21 lb (9.5 kg)

## Warranty:

Ten-year limited

## Return Policy:

Sartorius standard policy - restock fee may apply

| Model     | Capacity                       | Readability                | Repeatability              | Linearity | Pan Size                       | Dimensions                               | Part # | List Price |
|-----------|--------------------------------|----------------------------|----------------------------|-----------|--------------------------------|------------------------------------------|--------|------------|
| MCE1202S  | 1,200 g                        | 10 mg                      | 7 mg                       | 20 mg     | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195723 | Consult    |
| MCE2202S  | 2,200 g                        | 10 mg                      | 7 mg                       | 20 mg     | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195722 | Consult    |
| MCE4202S  | 4,200 g                        | 10 mg                      | 7 mg                       | 20 mg     | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195721 | Consult    |
| MCE5201S  | 5,200 g                        | 100 mg                     | 50 mg                      | 100 mg    | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195726 | Consult    |
| MCE5202S  | 5,200 g                        | 0.01 g                     | 0.006 g                    | 0.01 g    | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195816 | Consult    |
| MCE6202P  | 1,500 g<br>3,000 g<br>6,200 g  | 10 mg<br>20 mg<br>50 mg    | 7 mg<br>20 mg<br>40 mg     | 20 mg     | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195815 | Consult    |
| MCE6202S  | 6,200 g                        | 10 mg                      | 7 mg                       | 20 mg     | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195720 | Consult    |
| MCE8201S  | 8,200 g                        | 100 mg                     | 50 mg                      | 100 mg    | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195725 | Consult    |
| MCE8202S  | 8,200 g                        | 10 mg                      | 7 mg                       | 20 mg     | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195719 | Consult    |
| MCE10202S | 10,200 g                       | 10 mg                      | 7 mg                       | 20 mg     | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195718 | Consult    |
| MCE12201S | 12,200 g                       | 100 mg                     | 50 mg                      | 200 mg    | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195724 | Consult    |
| MCE14202s | 14,200 g                       | 0.01 g                     | 0.01 g                     | 0.03 g    | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195717 | Consult    |
| MCE14202P | 3,500 g<br>7,000 g<br>14,200 g | 0.01 g<br>0.02 g<br>0.05 g | 0.01 g<br>0.02 g<br>0.01 g | 0.05 g    | 8.1 × 8.1 in<br>(206 × 206 mm) | 16 × 9.8 × 3.5 in<br>(410 × 249 × 88 mm) | 195812 | Consult    |

## Options/Accessories

| Part #  | Model # | Description                                                                | Price   |
|---------|---------|----------------------------------------------------------------------------|---------|
| Consult | TR      | Certificate of compliance and full factory test report (factory installed) | Consult |
| Consult | IR      | Additional RS-232, 25-pin connection (factory installed)                   | Consult |
| 156906  | 6971987 | Power supply, 100 to 240 V                                                 | Consult |
| 156908  | 6900900 | Cord, power 220V EU                                                        | Consult |
| Consult | IP      | Additional RS-232, 9-pin connection with PS/2 port (factory installed)     | Consult |

