

Capacity: 60g-8,200g    Readability: 0.0001-1.0g

Analytical/Precision/Toploading Balances

### Standard Features

- User-friendly operation
- Basic applications
- Monolithic weighing systems
- Aluminum die-cast base, ABS housing
- Front level bubble
- RS-232 standard
- Below balance weighing



### Specifications

|                              | BCE64i-1S                                                                                                                                                                                                                            | BCE124i-1S | BCE224i-1S  | BCE223i-1S                               | BCE323i-1S  | BCE423i-1S | BCE623i-1S  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------------------------------------|-------------|------------|-------------|
| Part#                        | 197392                                                                                                                                                                                                                               | 197393     | 197394      | 197395                                   | 197396      | 197397     | 197398      |
| List Price                   | \$2,200.00                                                                                                                                                                                                                           | \$2,500.00 | \$2,800.00  | \$1,400.00                               | \$1,600.00  | \$2,000.00 | \$2,200.00  |
| Capacity                     | 60 g                                                                                                                                                                                                                                 | 120 g      | 220 g       | 220 g                                    | 320 g       | 420 g      | 620 g       |
| Readability                  | 0.1 mg                                                                                                                                                                                                                               | 0.1 mg     | 0.1 mg      | 0.001 g                                  | 0.001 g     | 0.001 g    | 0.001 g     |
| Repeatability                | ±0.1 mg                                                                                                                                                                                                                              | ±0.1 mg    | ±0.1 mg     | ±1 mg                                    | ±1 mg       | ±1 mg      | ±1 mg       |
| Linearity                    | ±0.2 mg                                                                                                                                                                                                                              | ±0.2 mg    | ±0.2 mg     | ±2 mg                                    | ±2 mg       | ±2 mg      | ±2 mg       |
| External Calibration Weight  | 50 g                                                                                                                                                                                                                                 | 100 g      | 200 g       | 200 g                                    | 200 g       | 200 g      | 500 g       |
| Weighing Modes               | Gram, Kilogram, Carat, Pound, Ounce, Troy Ounce, Hong Kong Tael, Singapore Tael, Taiwan Tael, Grain, Pennyweights, Milligram, Parts per Pound, China Teal, Mommies, Austrian Carat, Tola, Baht, Mesghal, Tons, Pounds:Ounces, Newton |            |             |                                          |             |            |             |
| Applications                 | Weighing, Density, Percentage, Counting, Mass Unit Conversion                                                                                                                                                                        |            |             |                                          |             |            |             |
| Display Type                 | Backlit LCD white, 15 mm digits                                                                                                                                                                                                      |            |             |                                          |             |            |             |
| Operating Humidity           | 15% to 80% for temperatures up to 31° C                                                                                                                                                                                              |            |             |                                          |             |            |             |
| Operating Temperature        | 41° F to 104° F (5° C to 40° C)                                                                                                                                                                                                      |            |             |                                          |             |            |             |
| Stabilization Time (typical) | 2.5 seconds                                                                                                                                                                                                                          |            | 1.3 seconds |                                          | 1.1 seconds |            | 1.0 seconds |
| Net Weight (kg/lbs)          | 6.2 kg (13.7 lb)                                                                                                                                                                                                                     |            |             |                                          |             |            |             |
| Pan Size/Type                | 90 mm (3.5 in) diameter pan, stainless steel                                                                                                                                                                                         |            |             | 120 mm (4.7 in) pan, stainless steel     |             |            |             |
| Dimensions (W x D x H)       | 230 x 303 x 330 mm (9.1 x 11.9 x 13 in)                                                                                                                                                                                              |            |             | 230 x 303 x 136 mm (9.1 x 11.9 x 5.4 in) |             |            |             |
| AC Power Requirements        | AC adapter, 115V-240V, US plug                                                                                                                                                                                                       |            |             |                                          |             |            |             |
| Warranty                     | Two-year Limited Warranty                                                                                                                                                                                                            |            |             |                                          |             |            |             |

^Weighing Chamber

### Specifications

|                              | BCE622i-1S                                                                                                                                                                                                                           | BCE653i-1S | BCE822li-1S                             | BCE1202i-1S    | BCE2202i-1S                                          | BCE2201i-1S    | BCE3202i-1S    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------|----------------|------------------------------------------------------|----------------|----------------|
| Part#                        | 197399                                                                                                                                                                                                                               | 197400     | 197401                                  | 197402         | 197403                                               | 197404         | 197405         |
| List Price                   | \$1,300.00                                                                                                                                                                                                                           | \$2,400.00 | \$1,400.00                              | \$1,500.00     | \$1,600.00                                           | \$1,400.00     | \$1,700.00     |
| Capacity                     | 620 g                                                                                                                                                                                                                                | 650 g      | 820 g                                   | 1,200 g        | 2,200 g                                              | 2,200 g        | 3,200 g        |
| Readability                  | 0.01 g                                                                                                                                                                                                                               | 0.001 g    | 0.01 g                                  | 0.01 g         | 0.01 g                                               | 0.1 g          | 0.01 g         |
| Repeatability                | ±1 mg                                                                                                                                                                                                                                | ±1 mg      | ±1 mg                                   | ±1 mg          | ±1 mg                                                | ±0.1 g         | ±0.1 g         |
| Linearity                    | ±2 mg                                                                                                                                                                                                                                | ±2 mg      | ±2 mg                                   | ±2 mg          | ±2 mg                                                | ±0.3 g         | ±0.3 g         |
| External Calibration Weight  | 500 g                                                                                                                                                                                                                                | 500 g      | 500 g                                   | 500 g          | 500 g                                                | 2,000 g        | 5,000 g        |
| Weighing Modes               | Gram, Kilogram, Carat, Pound, Ounce, Troy Ounce, Hong Kong Tael, Singapore Tael, Taiwan Tael, Grain, Pennyweights, Milligram, Parts per Pound, China Teal, Mommies, Austrian Carat, Tola, Baht, Mesghal, Tons, Pounds:Ounces, Newton |            |                                         |                |                                                      |                |                |
| Applications                 | Weighing, Density, Percentage, Counting, Mass Unit Conversion                                                                                                                                                                        |            |                                         |                |                                                      |                |                |
| Display Type                 | Backlit LCD white, 15 mm digits                                                                                                                                                                                                      |            |                                         |                |                                                      |                |                |
| Operating Humidity           | 15% to 80% for temperatures up to 31° C                                                                                                                                                                                              |            |                                         |                |                                                      |                |                |
| Operating Temperature        | 41° F to 104° F (5° C to 40° C)                                                                                                                                                                                                      |            |                                         |                |                                                      |                |                |
| Stabilization Time (typical) | 1.0 seconds                                                                                                                                                                                                                          |            | 1.5 seconds                             |                |                                                      |                |                |
| Net Weight (kg/lb)           | 6.3 kg (13.9 lb)                                                                                                                                                                                                                     |            | 4.8 kg (10.6 lb)                        | 5.4 kg (12 lb) | 6.3 kg (13.9 lb)                                     | 5.4 kg (12 lb) | 5.4 kg (12 lb) |
| Pan Size/Type                | 120 mm (4.7 in) pan, stainless steel                                                                                                                                                                                                 |            |                                         |                |                                                      |                |                |
| Dimensions (W x D x H)       | 230 x 303 x 330 mm (9.1 x 11.9 x 13 in)                                                                                                                                                                                              |            | 230 x 303 x 87 mm (9.1 x 11.9 x 3.4 in) |                | (W x D x H) 230 x 303 x 136 mm (9.1 x 11.9 x 5.4 in) |                |                |
| AC Power Requirements        | AC adapter, 115V-240V, US plug                                                                                                                                                                                                       |            |                                         |                |                                                      |                |                |
| Warranty                     | Two-year Limited Warranty                                                                                                                                                                                                            |            |                                         |                |                                                      |                |                |

^Weighing Chamber

**NEW**

SARTORIUS

**Entris II**

Analytical/Precision/Toploading Balances

BALANCES

**Specifications**

|                              | BCE4202i-1S                                                                                                                                                                                                                           | BCE5201i-1S                             | BCE6202i-1S                              | BCE6200i-1S | BCE8201i-1S | BCE8200i-1S |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------|-------------|-------------|-------------|
| Part#                        | 197406                                                                                                                                                                                                                                | 197407                                  | 197408                                   | 197409      | 197410      | 197411      |
| List Price                   | \$1,900.00                                                                                                                                                                                                                            | \$1,500.00                              | \$2,400.00                               | \$1,400.00  | \$1,700.00  | \$1,500.00  |
| Capacity                     | 4,200 g                                                                                                                                                                                                                               | 5,200 g                                 | 6,200 g                                  | 6,200 g     | 8,200 g     | 8,200 g     |
| Readability                  | 0.01 g                                                                                                                                                                                                                                | 0.1 g                                   | 0.01 g                                   | 1.0 g       | 0.1 g       | 1.0 g       |
| Repeatability                | ±0.1 g                                                                                                                                                                                                                                | ±0.1 g                                  | ±0.1 g                                   | ±0.1 g      | ±0.1 g      | ±0.1 g      |
| Linearity                    | ±0.3 g                                                                                                                                                                                                                                | ±0.3 g                                  | ±0.3 g                                   | ±0.3 g      | ±0.3 g      | ±0.3 g      |
| External Calibration Weight  | 5,000 g                                                                                                                                                                                                                               | 5,000 g                                 | 5,000 g                                  | 5,000 g     | 5,000 g     | 5,000 g     |
| Weighing Modes               | Gram, Kilogram, Carat, Pound, Ounce, Troy Ounce, Hong Kong, Tael, Singapore Tael, Taiwan Tael, Grain, Pennyweights, Milligram, Parts per Pound, China Teal, Mommies, Austrian Carat, Tola, Baht, Mesghal, Tons, Pounds:Ounces, Newton |                                         |                                          |             |             |             |
| Applications                 | Weighing, Density, Percentage, Counting, Mass Unit Conversion                                                                                                                                                                         |                                         |                                          |             |             |             |
| Display Type                 | Backlit LCD white, 15 mm digits                                                                                                                                                                                                       |                                         |                                          |             |             |             |
| Operating Humidity           | 15% to 80% for temperatures up to 31° C                                                                                                                                                                                               |                                         |                                          |             |             |             |
| Operating Temperature        | 41° F to 104° F (5° C to 40° C)                                                                                                                                                                                                       |                                         |                                          |             |             |             |
| Stabilization Time (typical) | 1.5 seconds                                                                                                                                                                                                                           |                                         |                                          |             |             |             |
| Net Weight (kg/lb)           | 5.4 kg (12 lb)                                                                                                                                                                                                                        |                                         |                                          |             |             |             |
| Pan Size/Type                | (W x D x H) 180 x 180 x 91 mm (7.1 x 7.1 x 3.6 in)                                                                                                                                                                                    |                                         |                                          |             |             |             |
| Dimensions (W x D x H)       | 230 x 303 x 330 mm (9.1 x 11.9 x 13 in)                                                                                                                                                                                               | 230 x 303 x 87 mm (9.1 x 11.9 x 3.4 in) | 230 x 303 x 136 mm (9.1 x 11.9 x 5.4 in) |             |             |             |
| AC Power Requirements        | AC adapter, 115V-240V, US plug                                                                                                                                                                                                        |                                         |                                          |             |             |             |
| Warranty                     | Two-year Limited Warranty                                                                                                                                                                                                             |                                         |                                          |             |             |             |

**Part Number/Price**

| Part # | Model #      | Description      | Price      |
|--------|--------------|------------------|------------|
| 197392 | BCE64i-1S    | 60 g x 0.1 mg    | \$2,200.00 |
| 197393 | BCE124i-1S   | 120 g x 0.1 mg   | \$2,500.00 |
| 197394 | BCE224i-1S   | 220 g x 0.1 mg   | \$2,800.00 |
| 197395 | BCE223i-1S   | 220 g x 0.001 g  | \$1,400.00 |
| 197396 | BCE323i-1S   | 320 g x 0.001 g  | \$1,600.00 |
| 197397 | BCE423i-1S   | 420 g x 0.001 g  | \$2,000.00 |
| 197398 | BCE623i-1S   | 620 g x 0.001 g  | \$2,200.00 |
| 197399 | BCE622i-1S   | 620 g x 0.01 g   | \$1,300.00 |
| 197400 | BCE653i-1S   | 650 g x 0.001 g  | \$2,400.00 |
| 197401 | BCE822i-1S   | 820 g x 0.01 g   | \$1,400.00 |
| 197402 | BCE1202i-1S  | 1,200 g x 0.01 g | \$1,500.00 |
| 197403 | BCE2202i-1S  | 2,200 g x 0.01 g | \$1,600.00 |
| 197404 | BCE2201i-1S  | 2,200 g x 0.1 g  | \$1,400.00 |
| 197405 | BCE3202i-1S  | 3,200 g x 0.01 g | \$1,700.00 |
| 197406 | BCE4202i-1S  | 4,200 g x 0.01 g | \$1,900.00 |
| 197407 | BCE5201i-1S  | 5,200 g x 0.1 g  | \$1,500.00 |
| 197408 | BCE6202i-1S  | 6,200 g x 0.01 g | \$2,400.00 |
| 197409 | BCE6200i-1S  | 6,200 g x 1.0 g  | \$1,400.00 |
| 197410 | BCE8201i-1S  | 8,200 g x 0.1 g  | \$1,700.00 |
| 197411 | BCE8200ie-1S | 8,200 g x 1.0 g  | \$1,500.00 |

**Options/Accessories**

| Part # | Model #     | Description                                                                 | Price      |
|--------|-------------|-----------------------------------------------------------------------------|------------|
| 112261 | YDP20-OCE   | Data printer (requires power supply part number 191429)                     | \$1,155.00 |
| 31103  | 6906937     | Paper rolls, one roll                                                       | \$51.00    |
| 31106  | 6906918     | Ink ribbon cassette                                                         | \$56.00    |
| 155805 | YCC01-USBM2 | Data cable RS-232/USB                                                       | \$260.00   |
| 191429 | 6971790     | AC adapter with interchangeable plugs (for use with Entris II or YDP20-OCE) | \$113.00   |

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