



LABORATORY LOW SPEED CENTRIFUGE BCBL-110

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FLOOR STANDING LOW SPEED LARGE CAPACITY CENTRIFUGE



SPECIFICATIONS

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model | BCBL-110 |
| Max. RCF | 3 580 Xg |
| Max. Speed | 4 000 rpm |
| Max. Capacity | 4 x 1 000 ml |
| Running Time | 1 min - 99 h : 59 min, Pulse |
| Drive System | Direct, induction motor drive (Inverter Control) |
| Speed Accuracy | ± 10 r/min |
| Programs | 12 user-defined |
| Accel/Decel Profiles | 40/40 |
| Safety Device | Imbalance protection, overspeed protection, overcurrent protection, lid interlock system, lid open/close detection, steel housing, corrosion-resistant stainless steel centrifuge chamber, additional inner steel armored guard ring, steel lid, etc. |
| Noise Level | ≤ 60 dB(A) |
| Power Supply | AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz |
| Max. Power Consumption | 1.1 KW |
| Dimension (W x D x H) | 23.6 x 27.6 x 35.4 in / 60 x 70 x 90 cm |
| Weight w/o Rotor | 348 lb / 158 kg |
| Alt Name | Floor Standing Low Speed Large Capacity Centrifuge |

ACCESSORIES FOR PURCHASE

| No | Name | Tube Size (Φ x L in mm) | Max Speed (rpm) | Max RCF (g) |
|----|-----------------------------------------------|-------------------------|-----------------|-------------|
| 1 | No. 1 Swing-Bucket Rotor - 4 x 1000 ml | Φ100 x 175 | 3600 rpm | 3280 Xg |
| 2 | No. 1 Swing-Bucket Rotor - 4 x 500 ml | Φ80 x 137 | 3600 rpm | 3280 Xg |
| 3 | No. 1 Swing-Bucket Rotor - 4 x 250 ml | Φ63 x 111 | 3600 rpm | 3280 Xg |
| 4 | No. 1 Swing-Bucket Rotor - 12 x 100 ml | Φ38 x 114 | 3600 rpm | 3280 Xg |
| 5 | No. 1 Swing-Bucket Rotor - 20 x 50 ml conical | Φ29 x 116 | 3600 rpm | 3280 Xg |
| 6 | No. 1 Swing-Bucket Rotor - 20 x 50 ml round | Φ29 x 111 | 3600 rpm | 3280 Xg |
| 7 | No. 1 Swing-Bucket Rotor - 20 x 30 ml | Φ25.5 x 100 | 3600 rpm | 3280 Xg |
| 8 | No. 1 Swing-Bucket Rotor - 56 x 15 ml | Φ17 x 121 | 3600 rpm | 3280 Xg |
| 9 | No. 1 Swing-Bucket Rotor - 72 x 10 ml | Φ16.5 x 86-110 | 3600 rpm | 3280 Xg |

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|----|--------------------------------------------------------------------------------------------|-----------------------------------------------|----------|---------|
| 10 | No. 1 Swing-Bucket Rotor - 56 x 5 ml conical | Φ17 x 60 | 3600 rpm | 3280 Xg |
| 11 | No. 1 Swing-Bucket Rotor - 96 x 1.5/2.0 ml | Φ11 x 42 | 3600 rpm | 3280 Xg |
| 12 | No. 1 Swing-Bucket Rotor - 88 x 2.0 ml | Φ10.8 x 44 | 3600 rpm | 3280 Xg |
| 13 | No. 1 Swing-Bucket Rotor - 96 x 0.5 ml | Φ8 x 30 | 3600 rpm | 3280 Xg |
| 14 | No. 1 Swing-Bucket Rotor - 4 x 175/225 ml Falcon | Φ61 x 118/137 | 3600 rpm | 3280 Xg |
| 15 | No. 2 Swing-Bucket Rotor - 6 x 500 ml | Φ80 x 137 | 3600 rpm | 3030 Xg |
| 16 | No. 2 Swing-Bucket Rotor - 6 x 250 ml | Φ63 x 111 | 3600 rpm | 3030 Xg |
| 17 | No. 2 Swing-Bucket Rotor - 6 x 100 ml | Φ38 x 114 | 3600 rpm | 3030 Xg |
| 18 | No. 2 Swing-Bucket Rotor - 18 x 50 ml conical | Φ29 x 116 | 3600 rpm | 3030 Xg |
| 19 | No. 2 Swing-Bucket Rotor - 18 x 50 ml round | Φ29 x 111 | 3600 rpm | 3030 Xg |
| 20 | No. 2 Swing-Bucket Rotor - 18 x 30 ml | Φ25.5 x 100 | 3600 rpm | 3030 Xg |
| 21 | No. 2 Swing-Bucket Rotor - 54 x 15 ml | Φ17 x 121 | 3600 rpm | 3030 Xg |
| 22 | No. 2 Swing-Bucket Rotor - 84 x 10 ml | Φ16.5 x 86-110 | 3600 rpm | 3030 Xg |
| 23 | No. 2 Swing-Bucket Rotor - 54 x 5 ml conical | Φ17 x 60 | 3600 rpm | 3030 Xg |
| 24 | No. 2 Swing-Bucket Rotor - 90 x 1.5/2.0 ml | Φ11 x 42 | 3600 rpm | 3030 Xg |
| 25 | No. 2 Swing-Bucket Rotor - 90 x 2.0 ml | Φ10.8 x 44 | 3600 rpm | 3030 Xg |
| 26 | No. 2 Swing-Bucket Rotor - 108 x 0.5 ml | Φ8 x 30 | 3600 rpm | 3030 Xg |
| 27 | No. 2 Swing-Bucket Rotor - 6 x 175/225 ml Falcon | Φ61 x 118/137 | 3600 rpm | 3030 Xg |
| 28 | No. 3-1 Swing-Bucket Rotor - 4 x 500 ml | Φ80 x 137 | 4000 rpm | 3400 Xg |
| 29 | No. 3-1 Swing-Bucket Rotor - 4 x 250 ml | Φ63 x 111 | 4000 rpm | 3400 Xg |
| 30 | No. 3-1 Swing-Bucket Rotor - 4 x 100 ml | Φ38 x 114 | 4000 rpm | 3400 Xg |
| 31 | No. 3-1 Swing-Bucket Rotor - 16 x 50 ml conical | Φ29 x 116 | 4000 rpm | 3400 Xg |
| 32 | No. 3-1 Swing-Bucket Rotor - 16 x 50 ml round | Φ29 x 111 | 4000 rpm | 3400 Xg |
| 33 | No. 3-1 Swing-Bucket Rotor - 16 x 30 ml | Φ25.5 x 100 | 4000 rpm | 3400 Xg |
| 34 | No. 3-1 Swing-Bucket Rotor - 36 x 15 ml | Φ17 x 121 | 4000 rpm | 3400 Xg |
| 35 | No. 3-1 Swing-Bucket Rotor - 56 x 10 ml | Φ16.5 x 86-110 | 4000 rpm | 3400 Xg |
| 36 | No. 3-1 Swing-Bucket Rotor - 36 x 5 ml conical | Φ17 x 60 | 4000 rpm | 3400 Xg |
| 37 | No. 3-1 Swing-Bucket Rotor - 80 x 1.5/2.0 ml | Φ11 x 42 | 4000 rpm | 3400 Xg |
| 38 | No. 3-1 Swing-Bucket Rotor - 60 x 2.0 ml | Φ10.8 x 44 | 4000 rpm | 3400 Xg |
| 39 | No. 3-1 Swing-Bucket Rotor - 80 x 0.5 ml | Φ8 x 30 | 4000 rpm | 3400 Xg |
| 40 | No. 3-1 Swing-Bucket Rotor - 4 x 175/225 ml Falcon | Φ61 x 118/137 | 4000 rpm | 3400 Xg |
| 41 | No. 3-1 Swing-Bucket Rotor - 20 x 50 ml conical | Φ29 x 116 | 4000 rpm | 3400 Xg |
| 42 | No. 3-1 Swing-Bucket Rotor - 20 x 50 ml round | Φ29 x 111 | 4000 rpm | 3400 Xg |
| 43 | No. 3-1 Swing-Bucket Rotor - 20 x 30 ml | Φ25.5 x 100 | 4000 rpm | 3400 Xg |
| 44 | No. 3-1 Swing-Bucket Rotor - 40 x 15 ml | Φ17 x 121 | 4000 rpm | 3400 Xg |
| 45 | No. 3-1 Swing-Bucket Rotor - 40 x 5 ml conical | Φ17 x 60 | 4000 rpm | 3400 Xg |
| 46 | No. 3-1 Swing-Bucket Rotor - 100 x 1.5/2.0 ml | Φ11 x 42 | 4000 rpm | 3400 Xg |
| 47 | No. 3-1 Swing-Bucket Rotor - 100 x 2.0 ml | Φ10.8 x 44 | 4000 rpm | 3580 Xg |
| 48 | No. 3-1 Swing-Bucket Rotor - Plate Buckets (microplates, culture plates, deep well plates) | Load dimensions (WxDxH) up to 128x87x60 mm | 4000 rpm | 3580 Xg |
| 49 | No. 3-2 Swing-Bucket Rotor - 4 x 250 ml Corning / 4 x 200 ml Nunc | Φ60 x 164 | 4000 rpm | 3580 Xg |
| 50 | No. 4 Swing-Bucket Rotor - 6 x 250 ml | Φ63 x 111 | 4000 rpm | 3580 Xg |
| 51 | No. 4 Swing-Bucket Rotor - 6 x 100 ml | Φ38 x 114 | 4000 rpm | 3580 Xg |
| 52 | No. 4 Swing-Bucket Rotor - 6 x 500 ml | Φ29 x 111-116 | 4000 rpm | 3580 Xg |
| 53 | No. 4 Swing-Bucket Rotor - 12 x 50 ml conical | Φ29 x 116 | 4000 rpm | 3580 Xg |
| 54 | No. 4 Swing-Bucket Rotor - 12 x 50 ml round | Φ29 x 111 | 4000 rpm | 3580 Xg |
| 55 | No. 4 Swing-Bucket Rotor - 12 x 30 ml | Φ25.5 x 100 | 4000 rpm | 3580 Xg |

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|----|----------------------------------------------|----------------|----------|---------|
| 56 | No. 4 Swing-Bucket Rotor - 30 x 15 ml | Φ17 x 121 | 4000 rpm | 3580 Xg |
| 57 | No. 4 Swing-Bucket Rotor - 54 x 10 ml | Φ16.5 x 86-110 | 4000 rpm | 3580 Xg |
| 58 | No. 4 Swing-Bucket Rotor - 30 x 5 ml conical | Φ17 x 60 | 4000 rpm | 3580 Xg |
| 59 | No. 4 Swing-Bucket Rotor - 48 x 1.5/2.0 ml | Φ11 x 42 | 4000 rpm | 3580 Xg |
| 60 | No. 4 Swing-Bucket Rotor - 48 x 2.0 ml | Φ10.8 x 44 | 4000 rpm | 3580 Xg |
| 61 | No. 4 Swing-Bucket Rotor - 60 x 0.5 ml | Φ8 x 30 | 4000 rpm | 3580 Xg |



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