

# HIGH-CAPACITY & HIGH SPEED CENTRIFUGE PRO 2515/2515R



High-Capacity & High Speed Centrifuge PRO 2515 can accommodate 14 different rotors and versatile adapters, allowing for a wide range of centrifugation applications in medium-throughput molecular biology. It is compatible with various test tubes from 0.2ml to 400ml, including microtubes, PCR strip tubes, microplates, 15/50ml conical tubes, and blood collection tubes.

## APPLICATIONS

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### Application Fields

- Clinical chemistry, hematology, serology, and cell cultivation.
- Hospitals, research institutes, colleges and universities, and testing centers.

## FEATURES

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- Compatible with 14 different rotor models.
- Swing bucket rotor for MTP microplates, PCR plates, cell cultivation plates, and deep well plates.
- Fixed angle rotor for applications requiring high centrifugal forces.
- Optimized airflow to minimize sample warming during operation.
- Parameter adjustment via rotary knob and touch screen.
- Instantaneous centrifugation with one-touch start.
- Soft brake to prevent resuspension of sensitive samples.
- Automatic rotor imbalance detection for safer centrifugation.
- Automatic rotor recognition with speed limit control.
- Rotor service time record and replacement reminder for safety.
- Storage for 50 routine programs with quick preview of program parameters.

- Eight program shortcuts for quick access to frequently used programs.
- Emergency lid opening function for unexpected incidents such as power failures.
- Optional gas-tight rotor cap for centrifuging hazardous samples.

## TECHNICAL SPECIFICATIONS

| Specification          | PRO 2515 (Non-Refrigerated) | PRO 2515R (Refrigerated)    |
|------------------------|-----------------------------|-----------------------------|
| Voltage                | 220VAC (110V available)     | 220VAC (110V available)     |
| Frequency              | 50/60Hz                     | 50/60Hz                     |
| Power                  | 1000W                       | 1.5KW                       |
| Max. Current           | 4.6A                        | 6.8A                        |
| Max. Capacity          | 4 × 400 ml / 2 × 5 MTP      | 4 × 400 ml / 2 × 5 MTP      |
| Max. Speed             | 15000 rpm, 50 rpm increment | 15000 rpm, 50 rpm increment |
| Max. RCF               | 23897 × g, 10 × g increment | 23897 × g, 10 × g increment |
| Time Setting           | 30 s to 99 h 59 min         | 30 s to 99 h 59 min         |
| Dimensions (L × W × H) | 465 × 580 × 380 mm          | 625 × 580 × 380 mm          |
| Weight                 | 55 kg                       | 80 kg                       |
| Noise Level            | ≤ 62 dB                     | ≤ 62 dB                     |

| Specification     | PRO 2515 (Non-Refrigerated) | PRO 2515R (Refrigerated) |
|-------------------|-----------------------------|--------------------------|
| Temperature Range | -                           | -20°C to 40°C            |
| Item No.          | 26.748.0001                 | 26.749.0001              |
|                   |                             |                          |

| Swing-bucket rotors                                  |                   |           |          |            |                 |             |
|------------------------------------------------------|-------------------|-----------|----------|------------|-----------------|-------------|
|                                                      | Number of buckets | Model     | Max. RCF | Max. Speed | Max. capacity   | Item No.    |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | 4                 | H-04-250  | 3234xg   | 4200 rpm   | 0.2-250 ml      | 06.749.2001 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | 4                 | H-08-50   | 4584xg   | 5000 rpm   | 0.2-100 ml      | 06.749.2002 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | 2                 | H-02-DWP  | 2250xg   | 3700 rpm   | Deep well plate | 06.749.2003 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | 4                 | H-04-100  | 4500xg   | 5000 rpm   | 0.2-100 ml      | 06.749.2004 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | 6                 | H-06-2    | 16435xg  | 14000 rpm  | 1.5/2.0 ml      | 06.749.2005 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | 4                 | HA-04-400 | 3848xg   | 4500 rpm   | 4x400 ml        | 06.749.2006 |

| Fixed-angle rotors |       |          |            |                              |          |
|--------------------|-------|----------|------------|------------------------------|----------|
|                    | Model | Max. RCF | Max. Speed | Max. capacity (Place*Volume) | Item No. |

| Fixed-angle rotors                                   |          |         |           |               |             |
|------------------------------------------------------|----------|---------|-----------|---------------|-------------|
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | SA-20-5  | 20913xg | 13100 rpm | 20x5ml        | 06.749.1001 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | SA-06-85 | 15016xg | 11000 rpm | 6x85 ml       | 06.749.1002 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | S-06-50  | 15016xg | 11000 rpm | 6x50 ml       | 06.749.1003 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | SA-48-2  | 20376xg | 13500 rpm | 48x1.5/2.0 ml | 06.749.1004 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | SA-30-2  | 23897xg | 15000 rpm | 30x1.5/2.0 ml | 06.749.1005 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | S-40-15  | 4193xg  | 5000 rpm  | 40x15 ml      | 06.749.1007 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | S-64-PCR | 15777xg | 14000 rpm | 64x0.2ml PCR  | 06.749.1009 |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R | SA-08-50 | 6802xg  | 6500 rpm  | 8x50 ml       | 06.749.1010 |

| 4 Swing-bucket rotor   H-04-250                      |          |
|------------------------------------------------------|----------|
| High-Capacity & High Speed Centrifuge PRO 2515/2515R |          |
| Max. RCF                                             | 3234xg   |
| Max. speed                                           | 4200 rpm |

|                                 |             |
|---------------------------------|-------------|
| 4 Swing-bucket rotor   H-04-250 |             |
| Max. capacity                   | 0.2ml-250ml |
| Acceleration Time               | 30s         |
| Angle                           | 0°          |
| Temperature                     | +4°C        |
| Item No.                        | 06.749.2001 |

|                        |                                                      |                                                      |                                           |
|------------------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
|                        |                                                      |                                                      |                                           |
| Centrifuge tube        | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO |
| Volume (ml)            | 1.5                                                  | 2                                                    | 10                                        |
| Diameter x length (mm) | 11x46                                                | 11x46                                                | 17x105                                    |

|             |                                                      |                                                      |                                           |
|-------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
|             |                                                      |                                                      |                                           |
| Adapter     | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO |
| Volume (ml) | 104x2                                                | 104x2                                                | 32x10ml-15ml                              |
| Item No.    | 07.749.0201                                          | 07.749.0201                                          | 07.749.0202                               |

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| 4 Swing-bucket rotor   H-04-100 |
|---------------------------------|

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|------------------------------------------------------|-------------|
| High-Capacity & High Speed Centrifuge PRO 2515/2515R |             |
| Max. RCF                                             | 4500xg      |
| Max. speed                                           | 5000 rpm    |
| Max. capacity                                        | 0.2ml-100ml |
| Acceleration Time                                    | 30s         |
| Angle                                                | 0°          |
| Temperature                                          | +4°C        |
| Item No.                                             | 06.749.2004 |

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|------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|                        |                                                      |                                                      |                                                      |
| Centrifuge tube        | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R |
| Volume (ml)            | 1.5                                                  | 2                                                    | 10                                                   |
| Diameter x length (mm) | 11x46                                                | 11x46                                                | 17x105                                               |

|             |                                                      |                                                      |                                                      |
|-------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|             |                                                      |                                                      |                                                      |
| Adapter     | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R |
| Volume (ml) | 96x2                                                 | 96x2                                                 | 16x10ml-15ml                                         |

|          |             |             |             |
|----------|-------------|-------------|-------------|
|          |             |             |             |
| Item No. | 07.749.0601 | 07.749.0601 | 07.749.0602 |

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|------------------------------------------------------|-------------|
| 4 Swing-bucket rotor   HA-04-4000                    |             |
| High-Capacity & High Speed Centrifuge PRO 2515/2515R |             |
| Max. RCF                                             | 3848xg      |
| Max. speed                                           | 4500 rpm    |
| Max. capacity                                        | 4x400 ml    |
| Acceleration Time                                    | 30s         |
| Angle                                                | 0°          |
| Temperature                                          | +4°C        |
| Item No.                                             | 06.749.2006 |

|                        |                                                      |                                                      |                                                      |
|------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|                        |                                                      |                                                      |                                                      |
| Centrifuge tube        | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R |
| Volume (ml)            | 1.5                                                  | 2                                                    | 5                                                    |
| Diameter x length (mm) | 11x46                                                | 11x46                                                | 13x53                                                |

|             |                                                      |                                                      |                                           |
|-------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
|             |                                                      |                                                      |                                           |
| Adapter     | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO |
| Volume (ml) | 152x2                                                | 152x2                                                | 64x5                                      |
| Item No.    | 07.749.1301                                          | 07.749.1301                                          | 07.749.1302                               |

|                        |                                                      |                                                      |                                           |
|------------------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
|                        |                                                      |                                                      |                                           |
| Centrifuge tube        | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO |
| Volume (ml)            | 30                                                   | 50                                                   | 50                                        |
| Diameter x length (mm) | 25.5x102                                             | 29.5x120                                             | 29.5x115                                  |

|             |                                                      |                                                      |                                           |
|-------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
|             |                                                      |                                                      |                                           |
| Adapter     | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO 2515/2515R | High-Capacity & High Speed Centrifuge PRO |
| Volume (ml) | 20x30                                                | 16x50                                                | 16x50                                     |
| Item No.    | 07.749.1305                                          | 07.749.1306                                          | 07.749.1307                               |

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|------------------------|------------------------------------------------------|
| Centrifuge tube        | High-Capacity & High Speed Centrifuge PRO 2515/2515R |
| Volume (ml)            | 400                                                  |
| Diameter x length (mm) | 80x125                                               |



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