



# FRONTIER™ 5917RF

High-Capacity Multi-Pro Centrifuges



## ***Powerful and Versatile High-throughput Centrifuges for Virtually Every Lab Application***

Frontier 5917RF is a high-capacity refrigerated centrifuge suitable for a wide variety of applications in diagnostic, biotech and industrial labs. FC5917RF has a capacity of up to 4 x 1000 ml and the ability to high-throughput processing of blood bags and collection tubes, urine tubes, variety of bottles and plates in either fixed-angle or swing-out rotor. Available in both floor-standing and under-bench models and boasts high-speed performance at maximum volume, automatic rotor identification, and safety features that provide ergonomic and space-saving benefit.

### ***Features:***

- Thanks to its powerful motor, the FC5917RF delivers precise separation results achieving values up to 16010 rpm and 26361 G-force. This can be configured to fit workflow needs using a selection of rotors and accessories.
- The intuitive design of the centrifuges & accessories enable easy access to parameter settings, with the flexibility to change parameters during operation without the need to stop the machine. Features include automatic rotor recognition and backlit LCD.
- The performance of these centrifuges is propelled by German engineering, and high-quality components for reliable use. Constructed of chemical-resistant stainless steel to ensure durability in lab use.

# FRONTIER™ 5917RF *High-Capacity Multi-Pro Centrifuges*

## Maximum Application Flexibility Within Space-Saving Design

- The FC5917RF model is available in two options: as a floor-standing unit or an under-bench unit, maximizing lab space and storage
- Thanks to its ergonomically designed height, the work area has been optimized, allowing for easy loading and unloading of samples
- Integrated wheels make it easy to move around, lending to even more flexibility
- FC5917RF features a convenient storage drawer, perfect for keeping your accessories organized and easily accessible
- Locking mechanism secure the centrifuge feet, ensuring stability during use
- 6 rotor configurations for a broad spectrum of applications and workflows
- From high-throughput samples all the way to cell and blood separation
- Capacity of up to 4×1000 ml with the ability to spin up to 192 blood tubes or 96 15 ml conical tubes and 40 50 ml conical tubes

## Intuitively Designed for Simple Operation

- Automatic rotor identification makes switching between applications extremely easy
- Simple one-hand operation enabled by the selection button/rotary knob combination – even when wearing gloves
- Intuitive, easy-to-read backlit LCD display shows centrifugation settings and real-time parameters on one interface
- Store up to 99 runs for easy recall, including parameter settings and rotor types

## Solid Engineering Ensures Reliability

- Maintenance-free induction motor provides maximum G-force of 26361 × g
- Chemical and corrosion-resistant stainless steel rotor chamber ensures cleanability in lab environments
- Self-diagnostic program to record usage and error history for easy maintenance and to minimize downtime
- FC5917RF has refrigeration capabilities from 40 °C to -20 °C
  - R290, an environmentally friendly coolant, contributes to the eco-friendliness of refrigerated centrifuges by minimizing their environmental impact and supporting efforts to combat global warming
  - Pre-cool feature quickly lowers the temperature of rotor and chamber before a run

## Safety Features for Increased Security

- Over-speed protection, immediately upon rotor insertion
- Active imbalance-detection with individual imbalance tolerances set for each rotor
- Motorized lid-locking system to protect operators from accidental injuries
- Sealed and TÜV certified rotors to safeguard operators from harmful aerosols
- The rotor cycle counter enhances safety by monitoring the number of centrifugation cycles, providing timely alerts for rotor replacement to prevent potential failure and ensure optimal performance.



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## Specifications

| Model                                           |                        | FC5917RF Floor-standing                                                                                            | FC5917RF Under Bench |
|-------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------|
| Order No.                                       |                        | 230V: 83041587                                                                                                     | 230V: 83041588       |
| Speed Range                                     |                        | 200 rpm – 16010 rpm; 10 rpm / increments, Angle Rotor: 16010 rpm, Swing out Rotor: 4600 rpm                        |                      |
| Maximum RCF                                     |                        | 26361 x g; 10 x g / increments, Angle Rotor: 26361 x g, Swing out Rotor: 5204 x g                                  |                      |
| Maximum Capacity (Rotor)                        |                        | Angle Rotor: 6 x 250 ml Swing out: 4 x 1000 ml                                                                     |                      |
| Temperature Range                               |                        | -20 °C to 40 °C, 1 °C/increments                                                                                   |                      |
| Refrigerant                                     |                        | R290 (Propane)                                                                                                     |                      |
| Running Time                                    |                        | Quick Spin, 10 sec to 99 hr 59 min, or continuous                                                                  |                      |
| Noise Level (depending on the rotor)            |                        | ≤ 63 + 2 dB(A)                                                                                                     |                      |
| Acc/Dec Levels                                  |                        | 10/10                                                                                                              |                      |
| Allowable Density at Maximum Speed              |                        | 1.2 g/ml                                                                                                           |                      |
| Allowable Kinetic Energy                        |                        | 70412 Nm                                                                                                           |                      |
| AC Power                                        |                        | 230 V/50-60 Hz                                                                                                     |                      |
| Voltage Fluctuation                             |                        | ± 10%                                                                                                              |                      |
| Current Consumption                             |                        | 13 A                                                                                                               |                      |
| Power Consumption                               |                        | 2.3 kW                                                                                                             |                      |
| Dimensions (W x D x H)                          |                        | 620 x 690 x 980 mm                                                                                                 | 620 x 690 x 700 mm   |
| Net Weight (without rotor)                      |                        | 190 kg                                                                                                             | 157 kg               |
| Shipping Dimensions (W x D x H)                 |                        | 930 x 780 x 1260 mm                                                                                                | 930 x 780 x 930 mm   |
| Shipping Weight (without rotor)                 |                        | 225 kg                                                                                                             | 183 kg               |
| Ambient conditions<br>(EN/IEC 61010-1)          | Environment            | For indoor use only                                                                                                |                      |
|                                                 | Altitude               | Use up to an altitude of 2000 m                                                                                    |                      |
|                                                 | Ambient temperature    | 5 °C up to 35 °C                                                                                                   |                      |
|                                                 | Max. relative humidity | Max. relative humidity 80 % for temperatures up to 31°C, Decreasing linearly to 50 % relative humidity up to 35°C. |                      |
| EMC                                             |                        | EN/IEC 61326-1 Class B emissions, Basic immunity, FCC Class B emissions                                            |                      |
| Not suitable for use in hazardous environments. |                        |                                                                                                                    |                      |

| Tube Type | Tubes Type             | Tube diamentions          | Number of tubes per centrifuge |
|-----------|------------------------|---------------------------|--------------------------------|
|           | Microtubes             | 5 ml (Ø 16.5 × 69 mm)     | 96                             |
|           | Blood Collection Tubes | 1.8 – 5 ml (Ø 13 × 75 mm) | 192                            |
|           |                        | 4 – 7 ml (Ø 13 × 100 mm)  | 192                            |
|           |                        | 6 – 10 ml (Ø 16 × 100 mm) | 152                            |
|           | Conical Tubes          | 15 ml (Ø 17 × 120 mm)     | 96                             |
|           |                        | 50 ml (Ø 29 × 116 mm)     | 40                             |
|           |                        | 175 ml (Ø 61 × 118 mm)    | 8                              |
|           |                        | 225 ml (Ø 61 × 137 mm)    | 8                              |
|           |                        | 250 ml (Ø 60 × 159 mm)    | 4                              |
|           |                        | 500 ml (Ø 97 × 148 mm)    | 4                              |

| Tube Type | Tubes Type      | Tube diamentions                    | Number of tubes per centrifuge |
|-----------|-----------------|-------------------------------------|--------------------------------|
|           | Vials & Bottles | 15 ml Round Bottom (Ø 17 × 120 mm)  | 72                             |
|           |                 | 50 ml Round Bottom (Ø 29 × 116 mm)  | 40                             |
|           |                 | 100 ml Round Bottom (Ø 44 × 100 mm) | 12                             |
|           |                 | 250 ml Flat Bottom (Ø 62 × 122 mm)  | 8                              |
|           |                 | 290 ml Flat Bottom (Ø 62 × 137 mm)  | 8                              |
|           |                 | 500 ml Flat Bottom (Ø 98 x 114 mm)  | 4                              |
|           |                 | 750 ml Flat Bottom (Ø 98 x 152 mm)  | 4                              |
|           |                 | 1000 ml Flat Bottom (Ø 98 x 172 mm) | 4                              |

# FRONTIER™ 5917RF *High-Capacity Multi-Pro Centrifuges*

## Accessories

|  | Order No.                             | 83041512                     |          |                         |                    |
|-----------------------------------------------------------------------------------|---------------------------------------|------------------------------|----------|-------------------------|--------------------|
|                                                                                   | Description                           | Rotor Swing out 4×1000 ml ID |          |                         |                    |
|                                                                                   | Compatible with                       | FC5917RF                     |          |                         |                    |
|                                                                                   | Max. Speed                            | 4600 rpm                     |          |                         |                    |
|                                                                                   | Max. RCF                              | 5204×g                       |          |                         |                    |
| Accessories                                                                       |                                       |                              |          |                         |                    |
| Order No.                                                                         | Description                           | Vol. /Tube                   | Diameter | Tube type               | No.of tubes /rotor |
| Round Bucket (with TUV Certificate) and accessories                               |                                       |                              |          |                         |                    |
| 83041513                                                                          | Bucket 1×1000 ml w/o Cap, 2 pk        | 1000 ml                      | 98 mm    | Flat Bottom             | 4                  |
| 30553122*                                                                         | Lid Assembly for round bucket, 2 pk   | -                            | -        | -                       | -                  |
| 30553123                                                                          | O-Ring for round bucket, 10 pk        | -                            | -        | -                       | -                  |
| 83041514                                                                          | Rack 1×500 ml D69,5 mm FB, 2 pk       | 500 ml                       | 69.6 mm  | Flat Bottom             | 4                  |
| 30553124                                                                          | Rack 1×500 ml D97 mm FA, 2 pk         | 500 ml                       | 97 mm    | Conical Bottom Corning® | 4                  |
| 30553125                                                                          | Rack 1×250 ml D62 mm FB, 2 pk V1      | 250 ml                       | 62 mm    | Flat Bottom             | 4                  |
| 83041515                                                                          | Rack 1×250 ml D60 mm FA, 2 pk         | 250 ml                       | 60 mm    | Conical Bottom          | 4                  |
| 30553126                                                                          | Rack 1×175/225 ml D61 mm FA, 2 pk     | 175/225 ml                   | 61 mm    | Conical Bottom Corning® | 4                  |
| 30553127                                                                          | Rack 3×100 ml D41 mm RB, 2 pk         | 100 ml                       | 41 mm    | Round Bottom            | 12                 |
| 30553131                                                                          | Rack 7×50 ml D29 mm RB, 2 pk          | 50 ml                        | 29 mm    | Round Bottom            | 28                 |
| 30553128                                                                          | Rack 5×50 ml D29 mm FA, 2 pk          | 50 ml                        | 29 mm    | Conical Bottom          | 20                 |
| 30553129                                                                          | Rack 5×50 ml D29 mm Rim, 2 pk         | 50 ml                        | 29 mm    | Skirted Conical         | 20                 |
| 30553132                                                                          | Rack 8×30 ml D26 mm RB, 2 pk          | 30 ml                        | 26 mm    | Round Bottom            | 24                 |
| 30553135                                                                          | Rack 18×15 ml D17 mm RB, 2 pk         | 15 ml                        | 17 mm    | Round Bottom            | 72                 |
| 83041516                                                                          | Rack 12×15 ml D17 mm FA, 2 pk         | 15 ml                        | 17 mm    | Conical Bottom          | 48                 |
| 30553136                                                                          | Rack 21×10 ml D16 mm RB, 2 pk         | 10 ml                        | 16 mm    | Round Bottom            | 84                 |
| 83041517                                                                          | Rack 35×5-7 ml D13 mm RB, 2 pk        | 5-7 ml                       | 13 mm    | Round Bottom            | 140                |
| 30553140                                                                          | Rack 18×4/10 ml D16 mm Vac/Sar, 2 pk  | 4-10 ml                      | 16 mm    | Vacutainer® / Sarstedt  | 72                 |
| 30553139                                                                          | Rack 27×1.8/7 ml D13 mm Vac/Sar, 2 pk | 1.8-7 ml                     | 13 mm    | Vacutainer® / Sarstedt  | 108                |
| 30559377                                                                          | Rack 38×1.1/1.4 ml D8 mm Sar, 2 pk    | 1.1-1.4 ml                   | 8 mm     | Vacutainer® / Sarstedt  | 152                |
| 83041040                                                                          | Rack 24×1.5/2.0 ml D11 mm, 2 pk       | 1.5/2.0 ml                   | 11 mm    | Microtube               | 96                 |

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|                                                                                   |                 |                              |  |  |  |
|-----------------------------------------------------------------------------------|-----------------|------------------------------|--|--|--|
|  | Order No.       | 83041512                     |  |  |  |
|                                                                                   | Description     | Rotor Swing out 4×1000 ml ID |  |  |  |
|                                                                                   | Compatible with | FC5917RF                     |  |  |  |
|                                                                                   | Max. Speed      | 4600 rpm                     |  |  |  |
|                                                                                   | Max. RCF        | 5204×g                       |  |  |  |

| Accessories                                  |                                           |            |          |                         |                     |
|----------------------------------------------|-------------------------------------------|------------|----------|-------------------------|---------------------|
| Order No.                                    | Description                               | Vol./Tube  | Diameter | Tube type               | No.of tubes / rotor |
| Rectangular Bucket and accessories           |                                           |            |          |                         |                     |
| 83041518                                     | Bucket 1×500 ml or 7×MTP w/o Lid, 2 pk    | -          | -        | MTP                     | 28                  |
| 83041519                                     | Holder removing aid bucket 83041518, 2 pk | -          | -        | -                       | -                   |
| 83041482                                     | Rack 1×500 ml D98 mm FB, 2 pk             | 500 ml     | 98 mm    | Flat Bottom             | 4                   |
| 30553124▲                                    | Rack 1×500 ml D97 mm FA, 2 pk             | 500 ml     | 97 mm    | Conical Bottom Corning® | 4                   |
| 83041483                                     | Rack 2×250/290 ml D61 mm FB, 2 pk         | 250-290 ml | 61 mm    | Flat Bottom             | 8                   |
| 83041484▲▲                                   | Rack 1×175/225 ml D61 mm FA, 4 pk         | 175-225 ml | 61 mm    | Conical Bottom          | 4                   |
| 83041485                                     | Rack 3×100 ml D40 mm, 2 pk                | 100 ml     | 40 mm    | Round Bottom            | 12                  |
| 83041486                                     | Rack 10×50 ml D29 mm RB, 2 pk             | 50 ml      | 29 mm    | Round Bottom            | 40                  |
| 83041487                                     | Rack 10×50 ml D29 mm FA, 2 pk             | 50 ml      | 29 mm    | Conical Bottom          | 40                  |
| 83041488                                     | Rack 24×15 ml D17 mm FA, 2 pk             | 15 ml      | 17 mm    | Conical Bottom          | 96                  |
| 83041489                                     | Rack 24×5 ml D17 mm FA, 2 pk              | 5 ml       | 16 mm    | Conical Bottom          | 96                  |
| 83041490                                     | Rack 38×5.5-12 ml D16 mm Vac/Sar, 2 pk    | 5.5-12 ml  | 16 mm    | Vacutainer® / Sarstedt  | 152                 |
| 83041491                                     | Rack 48×2.6-8 ml D13 mm Vac/Sar, 2 pk     | 2.6-8 ml   | 13 mm    | Vacutainer® / Sarstedt  | 192                 |
| Bucket for 500 ml Blood Bags and accessories |                                           |            |          |                         |                     |
| 83041521                                     | Bucket 1 x 500 ml Blood Bag, 2 pk         | -          | -        | -                       | -                   |
| 83041522                                     | Adapter 1 x 500 ml Blood Bag, 2 pk        | 500 ml     | -        | Blood Bag               | 4                   |
| Bucket for 750 ml Blood Bags and accessories |                                           |            |          |                         |                     |
| 83041523                                     | Bucket 1 x 750 ml Blood Bag, 2 pk         | -          | -        | -                       | -                   |
| 83041524                                     | Adapter 1 x 750 ml Blood Bag, 2 pk        | 750 ml     | -        | Blood Bag               | 4                   |

▲30553124 Can be used only with 83041482  
▲▲83041484 Can be used only with 83041483  
\* BIOSEALS certified: When using the Lid Assembly (with 1 EA O-ring ) on the rotor, the buckets are hermetically sealed. O-ring should be changed when it's worn.

# Multi-Pro Accessories

## Packages for Round Bucket Cell Culture Package



| Order No.                        | Description                                                 |     |                 |
|----------------------------------|-------------------------------------------------------------|-----|-----------------|
| 83041492                         | Package Cell Culture for 1000ml Bucket (BIOSEALS certified) |     |                 |
| Products Included in the Package |                                                             |     |                 |
| Order No.                        | Description                                                 | Qty | Number of Tubes |
| 83041512                         | Rotor Swing out 4 × 1000ml ID                               | 1   | -               |
| 83041513                         | Bucket 1 × 1000 ml w/o Cap, 2 pk                            | 2   | -               |
| 30553122                         | Lid Assembly for round bucket, 2 pk                         | 2   | -               |
| 30553128                         | Rack 5 × 50 ml D29mm FA, 2 pk                               | 2   | 20              |
| 83041516                         | Rack 12 × 15 ml D17mm FA, 2 pk                              | 2   | 48              |

## Blood Tube Package



| Order No.                        | Description                                                 |     |                 |
|----------------------------------|-------------------------------------------------------------|-----|-----------------|
| 83041493                         | Package Blood Tubes for 1000 ml Bucket (BIOSEALS certified) |     |                 |
| Products Included in the Package |                                                             |     |                 |
| Order No.                        | Description                                                 | Qty | Number of Tubes |
| 83041512                         | Rotor Swing out 4 × 1000 ml ID                              | 1   | -               |
| 83041513                         | Bucket 1 × 1000 ml w/o Cap, 2 pk                            | 2   | -               |
| 30553122                         | Lid Assembly for round bucket, 2 pk                         | 2   | -               |
| 30553139                         | Rack 27 × 1.8/7 ml D13mm Vac/Sar, 2 pk                      | 2   | 108             |
| 30553140                         | Rack 18 × 4/10 ml D16mm Vac/Sar, 2 pk                       | 2   | 72              |

# Multi-Pro Accessories

## Packages for Rectangular Bucket High-Capacity Cell Culture Package



| Order No.                        | Description                            |     |                 |
|----------------------------------|----------------------------------------|-----|-----------------|
| 83041494                         | Package Cell Culture for 500 ml Bucket |     |                 |
| Products Included in the Package |                                        |     |                 |
| Order No.                        | Description                            | Qty | Number of Tubes |
| 83041512                         | Rotor Swing out 4×1000ml ID            | 1   | -               |
| 83041518                         | Bucket 1×500 ml or 7×MTP w/o Lid, 2 pk | 2   | -               |
| 83041487                         | Rack 10×50 ml D29mm FA, 2 pk           | 2   | 40              |
| 83041488                         | Rack 24×15 ml D17mm FA, 2 pk           | 2   | 96              |

## High-Capacity Blood Tube Package



| Order No.                        | Description                            |     |                 |
|----------------------------------|----------------------------------------|-----|-----------------|
| 83041495                         | Package Blood Tubes for 500 ml Bucket  |     |                 |
| Products Included in the Package |                                        |     |                 |
| Order No.                        | Description                            | Qty | Number of Tubes |
| 83041512                         | Rotor Swing out 4×1000ml ID            | 1   | -               |
| 83041518                         | Bucket 1×500 ml or 7×MTP w/o Lid, 2 pk | 2   | -               |
| 83041491                         | Rack 48×2.6-8ml D13mm Vac/Sar, 2 pk    | 2   | 192             |
| 83041490                         | Rack 38×5.5-12 ml D16mm Vac/Sar, 2 pk  | 2   | 152             |



# FRONTIER™ 5917RF *High-Capacity Multi-Pro Centrifuges*

|                                                                                   |                                           |                             |          |                         |                    |
|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------|----------|-------------------------|--------------------|
|  | Order No.                                 | 30553085                    |          |                         |                    |
|                                                                                   | Description                               | Rotor Swing out 4×750 ml ID |          |                         |                    |
|                                                                                   | Compatible with                           | FC5917RF                    |          |                         |                    |
|                                                                                   | Max. Speed                                | 4500 rpm                    |          |                         |                    |
|                                                                                   | Max. RCF                                  | 4346×g                      |          |                         |                    |
| Accessories                                                                       |                                           |                             |          |                         |                    |
| Order No.                                                                         | Description                               | Vol. /Tube                  | Diameter | Tube type               | No.of tubes /rotor |
| Bucket for MTP (with TÜV Certificate) and accessories                             |                                           |                             |          |                         |                    |
| 30553104                                                                          | Bucket 3×MTP, 2 pk V1                     | -                           | -        | MTP                     | 12                 |
| 30553105                                                                          | Holder Removing aid Bucket 30553104, 2 pk | -                           | -        | -                       | -                  |
| 30553117*                                                                         | Lid Assembly for Bucket 30553104, 2 pk    | -                           | -        | -                       | -                  |
| 30553118                                                                          | O-Ring for bucket 30553104, 2 pk          | -                           | -        | -                       | -                  |
| Bucket for MTP (without TÜV Certificate)                                          |                                           |                             |          |                         |                    |
| 30553119                                                                          | Bucket 3×MTP, 2 pk V2                     | -                           | -        | MTP                     | 12                 |
| Round Bucket and accessories                                                      |                                           |                             |          |                         |                    |
| 30602502                                                                          | Bucket 1×750 ml D98 mm FB, 2 pk           | 500 ml                      | 98 mm    | Flat Bottom             | 4                  |
| 30553122*                                                                         | Lid Assembly for round bucket, 2 pk       | -                           | -        | -                       | -                  |
| 30553123                                                                          | O-Ring for round bucket, 10 pk            | -                           | -        | -                       | -                  |
| 30553124                                                                          | Rack 1×500 ml D97 mm FA, 2 pk             | 500 ml                      | 97 mm    | Conical Bottom Corning® | 4                  |
| 30553125                                                                          | Rack 1×250 ml D62 mm FB, 2 pk V1          | 250 ml                      | 62 mm    | Flat Bottom             | 4                  |
| 30772866                                                                          | Rack 1×250 ml D60 mm FA, 2 pk             | 250 ml                      | 60 mm    | Conical Bottom          | 4                  |
| 30553126                                                                          | Rack 1×175/225 ml D61 mm FA, 2 pk         | 175/225 ml                  | 61 mm    | Conical Bottom          | 4                  |
| 30553127                                                                          | Rack 3×100 ml D41 mm RB, 2 pk             | 100 ml                      | 41 mm    | Round Bottom            | 12                 |
| 30553128                                                                          | Rack 5×50 ml D29 mm FA, 2 pk              | 50 ml                       | 29 mm    | Conical Bottom          | 20                 |
| 30553129                                                                          | Rack 5×50 ml D29 mm Rim, 2 pk             | 50 ml                       | 29 mm    | Skirted Conical Bottom  | 20                 |
| 30553130                                                                          | Rack 7×50 ml D29 mm FA, 2 pk              | 50 ml                       | 29 mm    | Conical Bottom          | 28                 |
| 30553131                                                                          | Rack 7×50 ml D29 mm RB, 2 pk              | 50 ml                       | 29 mm    | Round Bottom            | 28                 |
| 30553132                                                                          | Rack 8×30 ml D26 mm RB, 2 pk              | 30 ml                       | 26 mm    | Round Bottom            | 32                 |
| 83041032▲                                                                         | Adapter 1×25 ml D29 mm FA, 2 pk           | 25 ml                       | 29 mm    | Conical Bottom          | 6                  |
| 30553133                                                                          | Rack 14×15 ml D17 mm FA, 2 pk             | 15 ml                       | 17 mm    | Conical Bottom          | 56                 |
| 30553134                                                                          | Rack 17×15 ml D17 mm FA, 2 pk             | 15 ml                       | 17 mm    | Conical Bottom          | 68                 |
| 30553135                                                                          | Rack 18×15 ml D17 mm RB, 2 pk             | 15 mm                       | 17 mm    | Round Bottom            | 72                 |
| 30553136                                                                          | Rack 21×10 ml D16 mm RB, 2 pk             | 10 ml                       | 16 mm    | Round Bottom            | 84                 |
| 30553138                                                                          | Rack 32×7 ml D13 mm RB, 2 pk              | 7 ml                        | 13 mm    | Round Bottom            | 128                |
| 30553139                                                                          | Rack 27×1.8-7 ml D13 mm Vac/Sar, 2 pk     | 1.8-7 ml                    | 13 mm    | Vacutainer® /Sarstedt   | 108                |
| 30553140                                                                          | Rack 18×4-10 ml D16 mm Vac/Sar, 2 pk      | 4-10 ml                     | 16 mm    | Vacutainer® /Sarstedt   | 72                 |
| 30559377                                                                          | Rack 38×1.1-1.4 ml D8 mm Sar, 2 pk        | 1.1-1.4 ml                  | 8 mm     | Sarstedt                | 152                |
| 83041040                                                                          | Rack 24×1.5 / 2.0 ml D11 mm, 2 pk         | 1.5/2.0 ml                  | 11 mm    | Microtube               | 96                 |

▲Only possible with Rack 30553128 or 30553130

\* BIOSEALS certified: When using the Lid Assembly (with 1 EA O-ring ) on the rotor, the buckets are hermetically sealed. O-ring should be changed when it's worn.



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|                                                                                   |                        |                                  |
|-----------------------------------------------------------------------------------|------------------------|----------------------------------|
|  | <b>Order No.</b>       | <b>30553086</b>                  |
|                                                                                   | <b>Description</b>     | <b>Rotor Angle 4 × 500 ml ID</b> |
|                                                                                   | <b>Compatible with</b> | <b>FC5917RF</b>                  |
|                                                                                   | <b>Max. Speed</b>      | 8000 rpm                         |
|                                                                                   | <b>Max. RCF</b>        | 10374 × g                        |

## Accessories

| Order No.       | Description                              | Vol. / Tube | Diameter | Tube type      | No. of tubes / rotor |
|-----------------|------------------------------------------|-------------|----------|----------------|----------------------|
| Without Adapter | Rotor Angle 4 × 500 ml ID                | 500 ml      | 96 mm    | Flat Bottom    | 4                    |
| 30559416        | Adapter 1 × 250 ml D60,5 mm FA, 2 pk     | 250 ml      | 60.5 mm  | Conical Bottom | 4                    |
| 30564850        | Adapter 1 × 250 ml D61,5 mm FB, 2 pk     | 250 ml      | 61.5 mm  | Flat Bottom    | 4                    |
| 30559417        | Adapter 1 × 175/225 ml D61,5 mm FA, 2 pk | 175/225 ml  | 61.5 mm  | Conical Bottom | 4                    |
| 30559419        | Adapter 1 × 50 ml D29,5 mm FA, 2 pk      | 50 ml       | 29.5 mm  | Conical Bottom | 4                    |
| 30559420        | Adapter 3 × 50 ml D29 mm RB, 2 pk        | 50 ml       | 29 mm    | Round Bottom   | 12                   |
| 30559421        | Adapter 4 × 30 ml D25,5 mm RB, 2 pk      | 30 ml       | 25.5 mm  | Round Bottom   | 16                   |
| 30559422        | Adapter 6 × 15 ml D17 mm FA, 2 pk        | 15 ml       | 17 mm    | Conical Bottom | 24                   |

|                                                                                    |                        |                                     |
|------------------------------------------------------------------------------------|------------------------|-------------------------------------|
|  | <b>Order No.</b>       | <b>30314821</b>                     |
|                                                                                    | <b>Description</b>     | <b>Rotor Angle 6 × 250 ml FB ID</b> |
|                                                                                    | <b>Compatible with</b> | <b>FC5917RF</b>                     |
|                                                                                    | <b>Max. Speed</b>      | 8000 rpm                            |
|                                                                                    | <b>Max. RCF</b>        | 10016 × g                           |

## Accessories

| Order No.       | Description                              | Vol. / Tube | Diameter | Tube type      | No. of tubes / rotor |
|-----------------|------------------------------------------|-------------|----------|----------------|----------------------|
| Without Adapter | Rotor Angle 6 × 250 ml FB ID             | 250 ml      | 62 mm    | Flat Bottom    | 6                    |
| 30559414        | Adapter 1 × 175/225 ml D61 mm FA, 2 pk   | 175/225 ml  | 61 mm    | Conical Bottom | 6                    |
| 30304373        | Adapter 1 × 50 ml D29 mm RB, 2 pk        | 50 ml       | 29 mm    | Round Bottom   | 6                    |
| 30304374        | Adapter 1 × 50 ml D30 mm FA, 2 pk        | 50 ml       | 30 mm    | Conical Bottom | 6                    |
| 30304372        | Adapter 2 × 30 ml D26 mm RB, 2 pk        | 30 ml       | 26 mm    | Round Bottom   | 12                   |
| 83041032▲       | Adapter 1 × 25 ml D29 mm FA, 2 pk        | 25 ml       | 29 mm    | Conical Bottom | 6                    |
| 30304371        | Adapter 4 × 15 ml D17 mm FA, 2 pk        | 15 ml       | 17 mm    | Conical Bottom | 24                   |
| 30304370        | Adapter 5 × 10 ml D16 mm RB, 2 pk        | 10 ml       | 16 mm    | Round Bottom   | 30                   |
| 30304369        | Adapter 8 × 1.5/2.0 ml D11 mm, 2 pk      | 1.5/2.0 ml  | 11 mm    | Microtube      | 48                   |
| 30559412        | Adapter 15 × 1.5/2.0 ml D11 mm MTB, 2 pk | 1.5/2.0 ml  | 11 mm    | Microtube      | 90                   |

▲Only possible with Adapter 30304374

# FRONTIER™ 5917RF *High-Capacity Multi-Pro Centrifuges*

|                                                                                   |                        |                                     |
|-----------------------------------------------------------------------------------|------------------------|-------------------------------------|
|  | <b>Order No.</b>       | <b>30314827</b>                     |
|                                                                                   | <b>Description</b>     | <b>Rotor Angle 4×85 ml RB ID Hi</b> |
|                                                                                   | <b>Compatible with</b> | <b>FC5917RF</b>                     |
|                                                                                   | <b>Max. Speed</b>      | 16010 rpm                           |
|                                                                                   | <b>Max. RCF</b>        | 26361 ×g                            |

## Accessories

| Order No.       | Description                        | Vol./Tube | Diameter | Tube type      | No.of tubes / rotor |
|-----------------|------------------------------------|-----------|----------|----------------|---------------------|
| Without Adapter | Rotor Angle 4×85 ml RB ID Hi       | 85 ml     | 38 mm    | Round Bottom   | 4                   |
| 30314895        | Adapter 1×50 ml D29 mm RB, 2 pk V1 | 50 ml     | 29 mm    | Round Bottom   | 4                   |
| 30314896*       | Adapter 1×50 ml D29 mm FA, 2 pk    | 50 ml     | 29 mm    | Conical Bottom | 4                   |
| 30314894        | Adapter 1×30 ml D25 mm RB, 2 pk    | 30 ml     | 25 mm    | Round Bottom   | 4                   |
| 30314899        | Adapter 1×16 ml D18 mm RB, 2 pk    | 16 ml     | 18 mm    | Round Bottom   | 4                   |
| 30314897*       | Adapter 1×15 ml D17 mm FA, 2 pk    | 15 ml     | 17 mm    | Conical Bottom | 4                   |
| 30314898        | Adapter 2×15 ml D17 mm RB, 2 pk    | 15 ml     | 17 mm    | Round Bottom   | 8                   |
| 30314893        | Adapter 1×15 ml D17 mm RB, 2 pk    | 15 ml     | 17 mm    | Round Bottom   | 4                   |

\*Only without rotor lid

|                                                                                    |                        |                                     |
|------------------------------------------------------------------------------------|------------------------|-------------------------------------|
|  | <b>Order No.</b>       | <b>30314829</b>                     |
|                                                                                    | <b>Description</b>     | <b>Rotor Angle 10 x 50 ml FA ID</b> |
|                                                                                    | <b>Compatible with</b> | <b>FC5917RF</b>                     |
|                                                                                    | <b>Max. Speed</b>      | 10500 rpm                           |
|                                                                                    | <b>Max. RCF</b>        | 16022 ×g                            |

## Accessories

| Order No.       | Description                              | Vol./Tube  | Diameter | Tube type                         | No.of tubes / rotor |
|-----------------|------------------------------------------|------------|----------|-----------------------------------|---------------------|
| Without Adapter | Rotor Angle 10 x 50 ml FA ID             | 50 ml      | 29 mm    | Conical Bottom                    | 10                  |
| 83041032        | Adapter 1 x 25 ml D29 mm FA, 2 pk        | 25 ml      | 29 mm    | Conical Bottom                    | 10                  |
| 30472300        | Adapter 1 x 15 ml D17 mm RB, 2 pk V1     | 15 ml      | 17 mm    | Round Bottom                      | 10                  |
| 30472307        | Adapter 1 x 15 ml D17 mm FA, 2 pk V1     | 15 ml      | 17 mm    | Conical Bottom                    | 10                  |
| 30130889▲       | Adapter 1 x 7 ml D13 mm RB/Vac/Sar, 2 pk | 7 ml       | 13 mm    | Round Bottom/Vacutainer®/Sarstedt | 10                  |
| 30130890▲       | Adapter 1 x 5 ml D13 mm RB/Vac/Sar, 2 pk | 5 ml       | 13 mm    | Round Bottom/Vacutainer®/Sarstedt | 10                  |
| 30130886▲       | Adapter 1 x 1.5/2.0 ml D11 mm, 6 pk      | 1.5/2.0 ml | 11 mm    | Microtube                         | 10                  |

▲Only possible with adapter 30472300 or 30472307

Shortcut list:

ID – auto rotor identification  
FA – Conical bottom / Falcon®

Hi – version with higher speed  
FB – Flat bottom

Vac – Vacutainer®  
RB – Round bottom

Sar – Sarstedt  
Rim – Skirted conical bottom

# FRONTIER™ 5917RF *High-Capacity Multi-Pro Centrifuges*

## Other Standard Features and Equipment

Microprocessor control, Imbalance switch-off, Audible signal at the end of each run with melody options, Emergency release, 99 memory sets, Ten acceleration and ten deceleration rates, Pre-selection of running time from 10 sec to 99 hr 59 min or continuous, Quick spin for short runs.

## Compliance

See Declaration of Conformity available CE Declarations | OHAUS

## \*Intended Use

This centrifuge and its accessories are an in vitro diagnostic medical device within the meaning of the In Vitro Diagnostic Medical Devices Regulation (EU) 2017/746. This centrifuge is intended for the separation of mixtures of substances of different densities, in particular

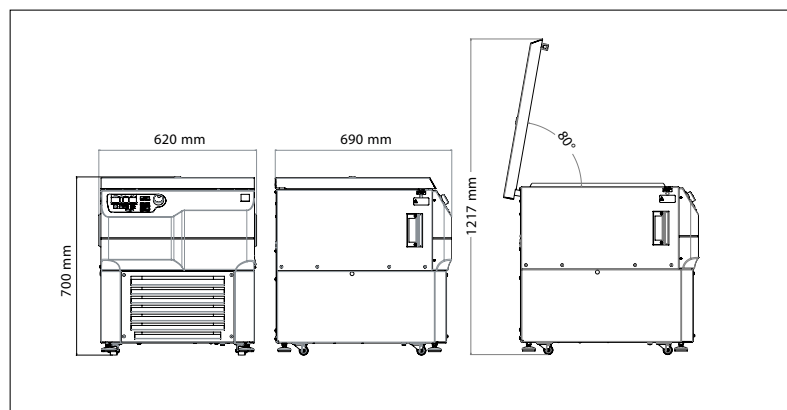
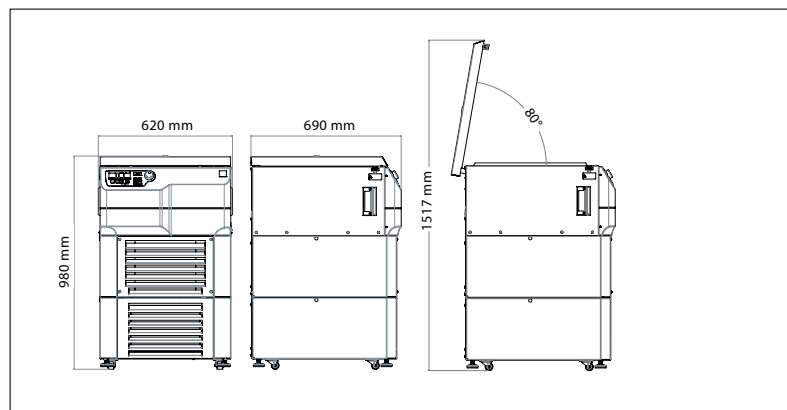
for the preparation and processing of samples from the human body in the context of an in vitro diagnostic application, in order to enable the intended use of the in vitro diagnostic medical device. These centrifuges are intended exclusively for use in closed rooms under supervision and for operation by trained specialist personnel. Only the rotors and cups and other accessories specified in the instructions for use may be used. Any other use or use beyond this is considered improper use. We are not liable for any resulting damage. The contents of the

operating instructions must be observed.

## Contraindication

This centrifuge and its accessories are intended exclusively for the above-mentioned purpose and must not be used to determine any measured values. After centrifugation, no components of human origin may be implanted or administered back into the body.

## Outline Dimensions



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*The management system governing the manufacture of this product is ISO 9001:2015 certified.*



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