



## ROTOR SPECIFICATIONS

|                       |                |
|-----------------------|----------------|
| Type                  | Fixed Angle    |
| Material              | Titanium       |
| Capacity              | 10 x 4.4 mL    |
| Maximum Speed         | 80,000 rpm     |
| Tube Dimensions Ø x L | 11 x 60 mm     |
| Angle                 | 25°            |
| K Factor              | 25.8           |
| Net Weight            | 3.5 kg/7.7 lbs |
| Warranty              | 7 years        |

|         | RCF        | RADIUS  |
|---------|------------|---------|
| Maximum | 468,246 xg | 65.5 mm |
| Average | 356,010 xg | 49.8 mm |
| Minimum | 243,774 xg | 34.1 mm |

## ROTOR AND ACCESSORIES ORDERING INFORMATION

## TFT-80.4 Rotor Package includes:

| Description                             | Cat. No.  |
|---|-----------|
| TFT-80.4 Rotor                          | 54356     |
| Rotor Cover                             | 750050436 |
| Rotor Cover Tool                        | 20490312  |
| Rotor Cover Locking Nut                 | 70048779  |
| Rotor Cover O-ring (qty. 5)             | 20290464  |
| Rotor Cover Locking Nut O-ring (qty. 5) | 11551     |
| Rotor Stand                             | 20048993  |
| Vacuum Grease                           | 65937     |
| Lubricant                               | 61556     |
| Extra Overspeed Decal (80,000 rpm)      | 11628     |
| Ultracentrifuge Rotor Log Book          | 52384     |
| Instruction Manual                      | 54355     |

## Accessories:

| Description  | Cat. No. |
|--|----------|
| Ultracrimp/Clearcrimp Sealing Tool   | 03920    |
| Crimp Gauge Replacement  | 03919    |
| Extra Plugs and Caps   | 03999    |
| Rotor Cap  | 03091    |
| Tube Racks   | 03773    |
| Wrench   | 75000478 |
| Tube Removal Tool  | 75000479 |
| Re-Seal Cone-top Tube Vise 13 mm   | 75000481 |
| Tool Kit for Multipiece Assembly<br>{Includes Tube Cap Vise (52176) and Tube Removal Tool (11557)} | 54380    |

## LABWARE ORDERING INFORMATION

| Tube Vol. (mL) | Vol. Fill (mL) | Description                   | Cat. No. | Qty. /Pkg. | Tubes /Rotor | Max. Speed (rpm) | Max. RCF (xg) | Dims ØxL (mm) | REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES |          |            |                                |
|----------------|----------------|-------------------------------|----------|------------|--------------|------------------|---------------|---------------|---|----------|------------|--------------------------------|
|                |                |                               |          |            |              |                  |               |               | Type  | Cat. No. | Qty. /Pkg. | Description                    |
| 4.4            | 3.3            | PA Thin-walled Tube           | 03955    | 50         | 10           | 80,000           | 468,246       | 11 x 60       | Closure   | 54366    | 1          | Multipiece Aluminum Assembly   |
|                |                |                               |          |            |              |                  |               |               | Tool  | 52176    | 1          | Tube Cap Vise                  |
|                |                |                               |          |            |              |                  |               |               | Tool  | 11557    | 1          | Tube Removal Tool              |
| 4.4            | 2.7            | PC Threaded Thick-walled Tube | 54361    | 50         | 10           | 45,000           | 148,156       | 11 x 60       | Closure   | 54365    | 1          | Aluminum Screw Cap             |
|                |                |                               |          |            |              |                  |               |               | Tool  | 52176    | 1          | Tube Cap Vise                  |
|                |                |                               |          |            |              |                  |               |               | Tool  | 11557    | 1          | Tube Removal Tool              |
| 3.5            | 3.5            | PA Ultracrimp Tube            | 03905    | 50         | 10           | 80,000           | 468,246       | 11 x 60       | Closure   | Included | 50         | Ultracrimp Plugs and Caps      |
|                |                |                               |          |            |              |                  |               |               | Closure   | 03091    | 1          | Rotor Cap                      |
|                |                |                               |          |            |              |                  |               |               | Accessory   | 03773    | 1          | Tube Rack                      |
|                |                |                               |          |            |              |                  |               |               | Tool  | 03920    | 1          | Ultracrimp Sealing Tool        |
| 2.0            | 2.0            | PA Re-Seal Cone-top Tube      | 75000459 | 50         | 10           | 80,000           | 468,246       | 11 x 32       | Closure   | 75000460 | 1          | 11 mm Noryl Crown <sup>1</sup> |
|                |                |                               |          |            |              |                  |               |               | Closure   | 75000451 | 10         | Stainless Steel Plug           |
|                |                |                               |          |            |              |                  |               |               | Tool  | 75000478 | 1          | Wrench                         |
|                |                |                               |          |            |              |                  |               |               | Tool  | 75000479 | 1          | Tube Removal Tool              |
|                |                |                               |          |            |              |                  |               |               | Tool  | 75000481 | 1          | Tube Vise                      |

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<sup>1</sup> Must order one crown for each place in the rotor.

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