

Pierce[®] Centrifuge Columns

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Number	Description
89896	Pierce Centrifuge Columns, 2mL, 25 columns Total volume: 5mL (2mL resin bed plus 3mL reservoir) Filter: Polyethylene, ~30µm average pore size (Range: 20-50µm) Receiver tube: Fits standard 15mL conical centrifuge tubes Caps: Screw-top cap; twist-off bottom and press-on cap to reseal
89897	Pierce Centrifuge Columns, 5mL, 25 columns Total volume: 8mL (5mL resin bed plus 3mL reservoir) Filter: Polyethylene, ~30µm average pore size (Range: 20-50µm) Receiver tube: Fits standard 15mL conical centrifuge tubes Caps: Screw-top cap; twist-off bottom and press-on cap to reseal
89898	Pierce Centrifuge Columns 10mL, 25 columns Total volume: 22mL (10mL resin bed plus 12mL reservoir) Filter: Polyethylene, ~30µm average pore size (Range: 20-50µm) Receiver tube: Fits standard 50mL conical centrifuge tubes Caps: Screw-top cap; twist-off bottom and press-on cap to reseal Storage: Upon receipt store at ambient temperature.

Procedure for General Use

The Thermo Scientific Pierce Centrifuge Columns are disposable polypropylene devices with polyethylene filter discs designed for use in gravity-flow or centrifugation-based applications involving chromatographic resins. Pierce Centrifuge Columns provide a rapid and inexpensive alternative to typical gravity- or pressure-based chromatographic separations.

Note: The 2mL and 5mL columns fit standard 15mL conical collection tubes. The 10mL columns fit standard 50mL conical tubes. Pierce Spin Columns can be used in fixed-angle or swinging-bucket rotors at centrifugal forces $\leq 3000 \times g$.

1. Add chromatographic resin to the Pierce Centrifuge Column.
2. Remove twist-off bottom closure (i.e., flat tab at tip of column) and place column into a collection tube.
3. Perform resin equilibration, sample processing and sample collection by centrifugation or gravity flow. The recommended centrifugation speed is $500\text{-}3000 \times g$.
4. Columns can be sealed with the supplied top and bottom closures.

This product ("Product") is warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation") and to be free from defects in material and workmanship. Unless otherwise expressly authorized in writing, Products are supplied for research use only. No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the original purchaser of the Product ("Buyer").

No other warranties, express or implied, are granted, including without limitation, implied warranties of merchantability, fitness for any particular purpose, or non infringement. Buyer's exclusive remedy for non-conforming Products during the warranty period is limited to replacement of or refund for the non-conforming Product(s).

There is no obligation to replace Products as the result of (i) accident, disaster or event of force majeure, (ii) misuse, fault or negligence of or by Buyer, (iii) use of the Products in a manner for which they were not designed, or (iv) improper storage and handling of the Products.

Current product instructions are available at www.thermoscientific.com/pierce. For a faxed copy, call 800-874-3723 or contact your local distributor.

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