EasySep™ EasyStand™

Linkable stand for EasySep™ Magnet

Catalog #18130	1 EasySep™ EasyStand™
18131	1 EasySep™ EasyStand™ and 1 EasySep™ Magnet
18134	4 EasySep™ EasyStands™
18135	4 EasySep™ EasyStands™ and 4 EasySep™ Magnets
18136	6 EasySep™ EasyStands™
18137	6 EasySep™ EasyStands™ and 6 EasySep™ Magnets

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Product Description

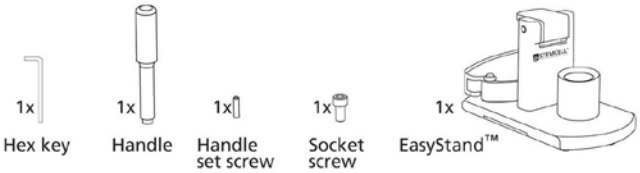
EasySep™ EasyStand™ facilitates the separation of up to 6 samples at one time. Each EasySep™ EasyStand™ holds a single EasySep™ Magnet (Catalog #18000), and a simple system links up to 6 individual EasySep™ EasyStands™ together. After each round of magnetic separation, the supernatants from all samples are poured off simultaneously into the receiving tubes.

Properties

Storage: Store at 15 - 25°C.
Shelf Life: Not applicable

Handling / Directions for Use

Lay out all the EasySep™ EasyStand™ parts. The hex key, handle set screw, and socket screw can be found in the Accessory Parts envelope. Any unused parts should be stored safely as these will be useful for linking additional EasySep™ EasyStand™ units later.



The following instructions are for linking two EasySep™ EasyStands™. Up to 6 individual EasySep™ EasyStands™ can be linked together.

A) LINKING EASYSEP™ EASYSTAND™ UNITS

1. Place two EasySep™ EasyStands™ next to each other with the STEMCELL Technologies' logo facing you.
2. Link two EasySep™ EasyStands™ via the magnet platforms by screwing the socket screw into the overlapping holes (Figure A). Use the hex key to tighten the screw.
3. Turn the linked EasySep™ EasyStands™ upside down (i.e. the base will be facing upwards).
4. Remove the two base plates by unscrewing the screws holding them in place (Figure B). Use the hex key to remove the screws.
5. Slide one base plate in between the two EasySep™ EasyStands™ so that each hole of the base plate aligns with one hole of each EasySep™ EasyStand™ base (Figure C).
6. Attach the base plate using two of the base plate screws. Use the hex key to tighten the screws.
   NOTE: Safely store any unused parts.
7. Turn the linked EasySep™ EasyStands™ right side up again.
8. Repeat the above steps to link additional EasySep™ EasyStands™, if required.
9. Attach the handle (see section B).

B) ATTACHING THE HANDLE

The handle can be attached to either the left or right side of the EasySep™ EasyStand™.

If you are using multiple units ensure that you have linked together all of the EasySep™ EasyStands™ (see section A) and that the STEMCELL Technologies' logo is facing you before attaching the handle.

LEFT-SIDE HANDLE (FIGURE D)

1. Tilt the magnet platform up.
2. Place the handle into the left hole of the magnet platform and attach it by screwing in the socket screw from the bottom. Use the hex key to tighten the screw.
3. Tilt the magnet platform back down.

RIGHT-SIDE HANDLE (FIGURE E)

1. Screw the handle set screw into the bottom of the handle. Ensure it is screwed in all the way. Do not force it in.
2. Screw the handle into the right hole of the magnet platform via the set screw. Ensure it is screwed in all the way. Do not force it in.

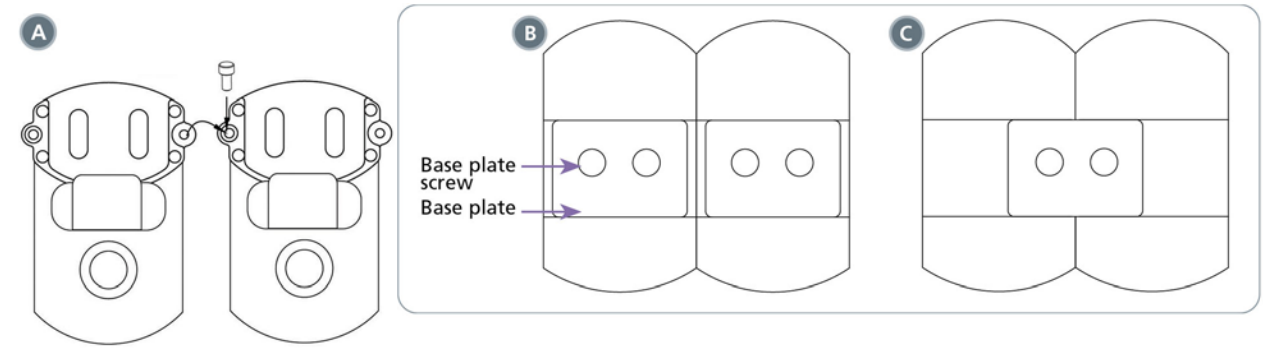
C) USING EASYSEP™ EASYSTAND™ IN CELL SEPARATION

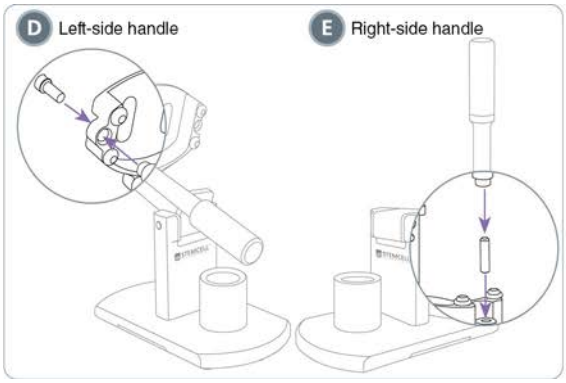
The EasySep™ EasyStand™ is ready for use in cell separation once all units have been linked together (section A) and the handle is attached (section B).

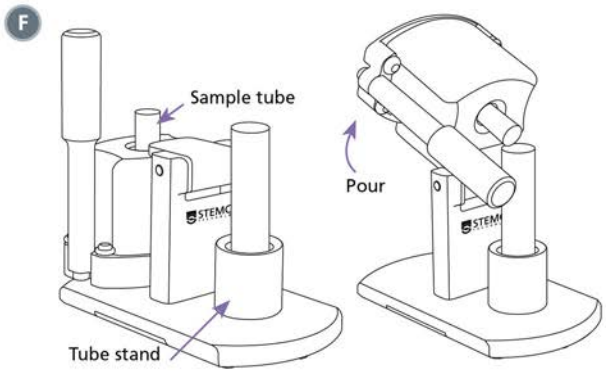
1. Place the EasySep™ EasyStand™ in front of you so that the STEMCELL Technologies' logo is facing you.
2. From the back, slide one EasySep™ Magnet (Catalog #18000) into each EasySep™ EasyStand™ magnet platform. Ensure that all EasySep™ Magnets are pushed all the way into the base (i.e. there is no space separating the EasySep™ Magnet and the EasySep™ EasyStand™).
3. Place a 14 mL tube (without cap) into the tube stand of each EasySep™ EasyStand™. Ensure the tubes are pushed all the way down. 14 mL polystyrene round-bottom tubes such as Catalog #38008 are recommended.
4. Follow the EasySep™ protocol and place sample tubes into the EasySep™ Magnet(s) during the separation step.
5. At the end of the separation step, perform the pour-off by gripping the handle firmly and gradually tilting it towards you so that the magnets move into the inverted position (Figure F). Leave magnets and tubes in an inverted position for 2 - 3 seconds, then return to an upright position.
6. If indicated in the EasySep™ protocol, repeat separation steps 4 and 5 as required. Replace 14 mL tube as required.
7. Remove the tubes containing the isolated cells, now ready for use, and discard all other tubes.
   NOTE: Remove all tubes before removing the EasySep™ Magnets.

D) CARE OF EASYSEP™ EASYSTAND™

After completing a cell separation, wipe EasySep™ EasyStand™ and EasySep™ Magnets clean with distilled water and then with alcohol to dry. To disinfect EasySep™ EasyStand™ and EasySep™ Magnets, wipe with 10% diluted household bleach and then wipe off with a water-dampened cloth to avoid corrosion of metal parts. Do not submerge the magnets in liquid.







(A) Top view of two EasySep™ EasyStand™ units.

(B) Bottom view of two EasySep™ EasyStand™ units before linking together and (C) after linking together.

(D) Attaching the left-side handle or (E) right-side handle to EasySep™ EasyStand™.

(F) Illustration of a pour-off after the separation step.