

DISSOLUTION ACCESSORIES

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Technical Bulletin

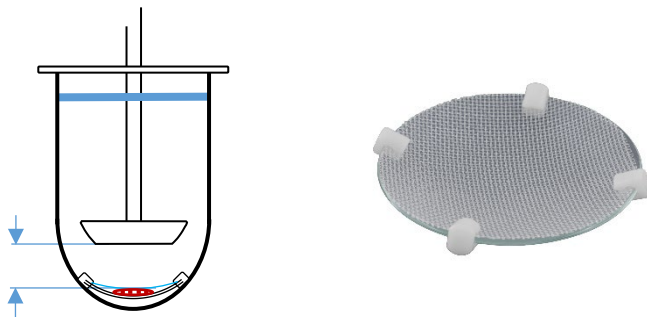


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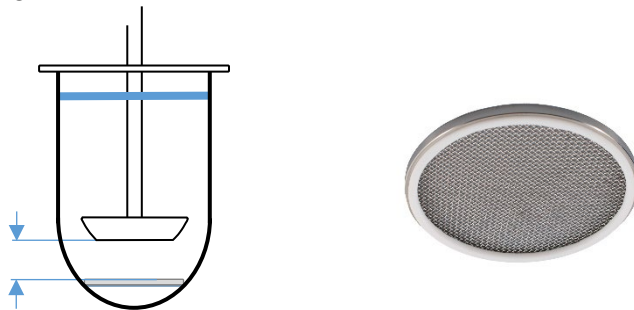
USP apparatus 5 paddle over disk. Disk differences Rev date: 05-2020

The USP5 method paddle over disk method uses the same setup as USP apparatus 2, with the addition of a disk assembly designed to hold the transdermal specimen (Patch) at the bottom of the vessel. Different "Disks" are possible the most common:

1. A watch glass-patch-PTFE sandwich used to hold the patch in place.



2. A ring with a stainless steel mesh screen. The screen is kept in position by a retainer ring



PSAPPFIVE-HR

- Dermal delivery-patches Topical-semisolids
- No limits for patch size up to approx. 8 cm
- Spherical sample fixation
- Patch fixed between watch glass and meshed net
- Patch not on the bottom of the vessel but on the bottom of glass
- Fluid dynamics on top of the patch, only
- One size 17 mesh PTFE screen

PSAPPFIVE-V35, -V56, -V80

- Dermal delivery-patches Topical-semisolids
- Limited to the size of the (metal)ring, available in sizes with internal diameter 35, 56, 80 mm
- Flat sample fixation
- Patch fixed under meshed steel screen by retainer ring
- Patch free from bottom of vessel
- Fluid dynamics on top of the patch, limited on the bottom of the patch
- Different steel screen mesh sizes available 16,20,30,40,120 and125 mesh