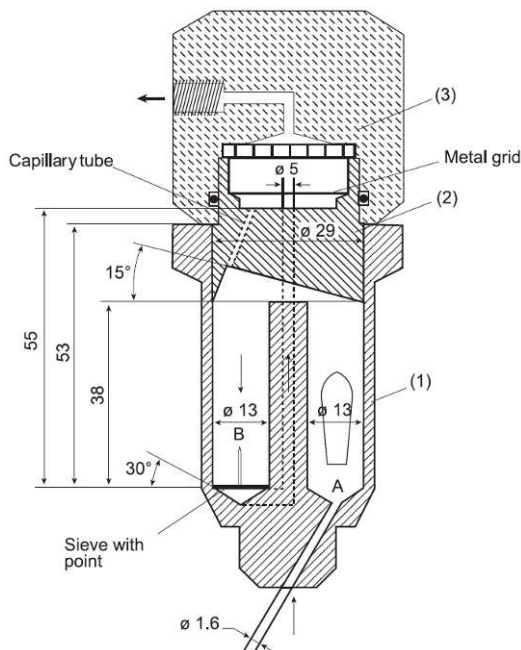


MEDIA RELEASE

SOTAX announces the introduction of the Soft Gelatin Capsule Flow Cell into USP <2040> Disintegration and Dissolution of Dietary Supplements

August 2011: The SOTAX Group, worldwide market leader and pioneer in USP Apparatus 4 Flow, announces the introduction of the lipidic cell for soft gelatin capsule testing into the latest release of USP <2040> Disintegration and Dissolution of Dietary Supplements. This flow cell was first introduced in Eur. Ph. chapter 2.9.42 and has been official since 2006.

Designed specifically for use with lipidic products such as fat-based suppositories and oil-filled soft gelatin capsules, this flow cell solves the problem of floating and the formation of a lipidic layer on the surface of the dissolution medium seen in USP Apparatus 2 methods. The cell consists of three compartments. The lower part (1) is made up of two adjacent chambers connected to an overflow device. The dissolution medium passes through chamber A and is subjected to an upward flow. The flow in chamber B is directed downward to an exit that then leads upward to a filtering assembly. The middle part (2) of the cell has a cavity designed to collect lipophilic excipients that float on the dissolution medium. A metal mesh is used as a rough filter. The upper part (3) holds the filter in place. The sample is then collected and analyzed for drug release content.



For more information about the Soft Gelatin Capsule Flow Through Cell and USP Apparatus 4, please contact us.