



Figure 1.3 Diffusion apparatus.

pulsed delivery. Again the *in vitro* method is required to determine the actual fluxes, although the theory can be used as a guide. Transport across diseased skin can potentially be quite different (14), and one must consider this possibility, particularly if the skin is thickened or broken.

B. In Vivo Evaluation

The most quantitative *in vivo* evaluations of topically applied drugs have been done with skin grading, in which blanching of normal skin by steroids or the blanching of erythema by nonsteroidal anti-inflammatory agents is measured. In these models, the onset of re-