



Intrinsic Dissolution Apparatus Set

IDASET-01

Quality Lab Accessories Offers the Intrinsic Dissolution Apparatus based on the conventional “Wood Apparatus Design” also known as the “Rotating Disk System”. This basic configuration was developed in 1963 and is currently used in numerous validated methods worldwide. QLA has selected this configuration because of its current wide spread usage and long successful history. An alternative configuration known as the “Stationary Disk System” requires a custom, flat bottom dissolution vessel (non USP). Since these vessels are handmade, they incorporate significant allowable tolerance for important features such as concentricity of the flat region with respect to the vessel mounting diameter.

This tolerance contributes to misalignment with respect to the stirring centerline (centering). Variation of centering is known to introduce variations in dissolution rates and is therefore undesirable. Verification of centering is not feasible with the “Stationary Disk System” and is easily verified with the “Rotating Disk System”. Another problem with the “Stationary Disk System” is the awkward method required to introduce the dosage at the beginning of a test. The die and pellet must be lowered one at a time using forceps.



Part Number	Description
IDASET-01	Complete Intrinsic Dissolution Set
IDASNH-01	Shaft and Holder
IDAPCH-01	8mm Punch
IDADIE-01	8mm Die
IDAPLT-01	Surface Plate

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YOUR DISSOLUTION SPECIALISTS