

Flodex™

Powder Flowability Test Instrument

As defined by Dr. A. Gioia at the Dow Pharmaceutical Research Labs in Milan, intrinsic flowability is the property of a powder to flow evenly under the action of gravity and other forces. His technique uses the **Flodex** tester to determine a repeatable flowability index over an arbitrary scale of 4 to 34. **Flodex** allows for:



- Simple repeatable index of flowability of powders
- Flowability testing before setup of tableting or capsule filling equipment
- The establishment of a reliable flowability index for purchasing and quality assurance specifications
- Avoiding high coefficient of variation in product uniformity

This one simple test takes into account the numerous parameters that affect powder flowability, such as particle size and shape, "fines," unit surface, actual and bulk density, porosity, settling, and electrostatic charge.

Flodex Specifications

The **Flodex** test instrument provides a simple, repeatable index of flowability of powders. For complete technical details, please see *Intrinsic Flowability: A New Technology for Powder-Flowability Classification*, by Dr. Alberto Gioia, *Pharmaceutical Technology Magazine*, February 1980. Reprints available from Hanson Research.

Dimensions	31 cm W x 41 cm H x 23 cm D
Weight	4 Kg

Ordering Information

The **Flodex** test system includes a complete set of flow discs. Contact your local Hanson representative for more information or visit hansonresearch.com.

p/n	Description
21-101-050	Flodex Test System - Complete
21-101-055	Flodex Index Disc Kit (<i>extra set</i>)