

# FLODEX™

## The Flodex™

presents a simple technique for resolving uncertainty with powder flow. Raw materials in powder form will vary in a number of ways when coming from different suppliers. This variability affects the powder's overall ability to freely flow when loaded into manufacturing equipment, disrupting the speed and accuracy of the manufacturing process.

The Flodex is a simple-to-use tool that helps you determine a reliable and repeatable flowability index over an arbitrary scale of 4 to 40 to use as a specification for your raw materials. This one simple test takes in account the numerous parameters that affect powder flowability such as:

- Particle size and shape
- "Fines"
- Unit surface
- Actual and bulk density
- Porosity
- Settling
- Electrostatic charge

The Flodex determination of intrinsic flowability is based upon the ability of powder to fall freely through an orifice in a disk. The Flodex comes complete with a full set of disks with different sized orifices to use in determining this index and is fully compliant with USP <1174>.



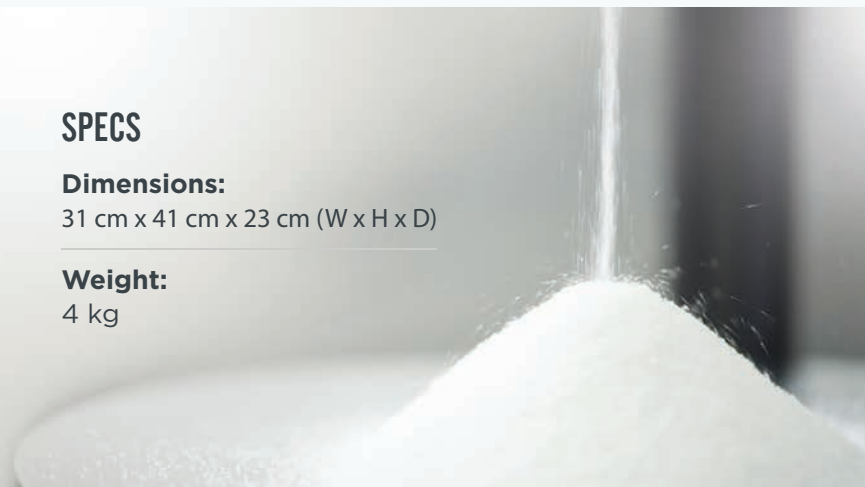
## INTRINSIC FLOWABILITY

For complete technical details, please see "Intrinsic Flowability: A New Technology for Powder-Flowability Classification" by Dr. Gioia in Pharmaceutical Technology Magazine. Reprints are available from Hanson Research.

## SPECS

**Dimensions:**  
31 cm x 41 cm x 23 cm (W x H x D)

**Weight:**  
4 kg





## FEATURES:

- USP <1174> compliant
- Allows for a simple repeatable index of flowability of powders
- Easily operated by non-technically trained personnel
- Enables flowability testing before the setup and filling of manufacturing equipment
- Comes complete with a full set of disks for use with a variety of powder types
- Stainless steel loading funnel discharges electrostatic potential that builds up between particles of powder
- Ideal for purchasing and quality assurance specifications
- Avoids a high coefficient of variation in product uniformity
- Accommodates a variety of powder types for use in manufacturing oral pharmaceutical dosage forms, coffee, and more!

## ORDERING INFO

For more information, please contact your local Hanson representative or email us at:

[sales@hansonresearch.com](mailto:sales@hansonresearch.com)

**21-101-050** Flodex Test System – Complete

**21-101-055** Flodex Index Disk Kit (extra set)