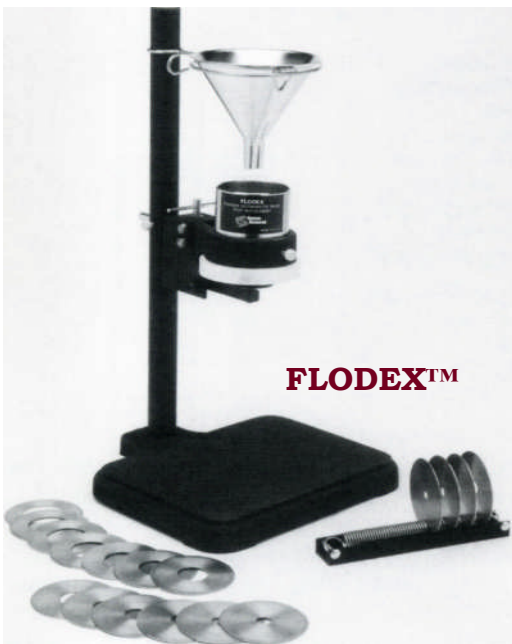


# Flodex™ Powder Flowability Test Instrument

## DETERMINES FLOW INDEX OF NON-FREE-FLOWING METAL POWDERS

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 repeat-able flowability index over an arbitrary scale of 4-34.



The tester has demonstrated its applicability and usefulness to determine a quantitative measure for non-free-flowing metal powders and premixes. It complements the Hall Flowmeter to characterize flow quantitatively and scientifically for the practicing engineer.

- Measures the flowability of all powders that will not flow freely through the Hall Flowmeter funnel.
- Simple test determines a repeatable Index of Flowability.
- Measures flowability for Die Fill purposes.
- Lowers the Coefficient of Variation in product uniformity.
- Establishes a Reliable Flowability Index for Purchasing and Q.A. specifications.
- Test takes into account the following parameters: particle size and shape, true and apparent density, specific surface area, agglomeration, settling and electrostatic charge.

Manufactured by: Hanson Research

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ISO 9001

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We are innovation in motion*

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