Pharmaceutical Lab Testing Instruments



21 CFR Part 11 Tools

Dissolution • Diffusion • Hardness • TOC

TELEDYNE HANSON
Everywhereyoulook™

DISSOLUTION AND DIFFUSION TESTING

Dissolution Testers



Vision G2® Classic 6™

Compact, rugged design, adaptable to auto-sampling, quick-test feature starts test with one push of a button.



Vision G2® Elite 8™

Powerful programming, security for up to 50 users, automatic dosage drop from humidity-sealed chambers.



CD14 Comparative Dissolution

14 stirring positions for 6+1 or 12+2 configurations for improved efficiency in R&D, QC, and stability-test labs.

Dissolution Automation



AutoPlus™ Autosampler

Fully automated sampling, collection, media replace, dilutions, stabilizers, rinse, wash, retrieval, and media transfer.

Protocol Management Software



Protocol Manager™

Drag-and-drop protocol management from network-connected desktop with unlimited instruments, protocols, users.

Media Preparation



Media-Mate Plus™

Preheat, filter, de-aerate, and dispense media volumetrically to six or seven vessels at once in less than five minutes.

Phoenix™ Dry Heat Systems



Phoenix™ Dry Heat Diffusion Cells

High durability, powerful mixing, ease of use, allows use of standard pipettes, modular design, serialized components.



Phoenix™ DB-6 Manual Sampling

Precise heating, six cells independently driven by powerful brushless motors, advanced computerized control/display.



Phoenix™ RDS Automated Diffusion

Automated sampling, compact footprint, operate two systems at once (up to 24 cells) from a single Windows workstation.

HARDNESS TESTING AND POWDER FLOW

Hardness Testing



HC 7 Tester

Test tablet hardness with touch display. The HC 7 hardness tester is for manual use in the laboratory.



H Series Manual with Touch Screen

Measure length, hardness, and up to three additional parameters. Intuitive touch screen for easy operation.



P Series Semi-Automated

Measure 3, 4, or 5 parameters for up to 20 tablets automatically. Fast, easy test setup with 7-inch touchscreen.



UTS 4.3 Tester

Test round, oval, square and rectangular tablets as well as numerous special shapes with this all-in-one automatic testing system with touch software.

Powder Flowability



Flodex™

Simple-to-use for reliable, repeatable determination of powder flowability through orifice sizes 4 mm to 34 mm.

UV/Persulfate Testing



Fusion TOC Analyzer

Total organic carbon analysis for lab water, water for injectables, and cleaning validation.

Automated Liquid Handling



SimPrep

Automation of elemental standard preparation for impurity analysis.



Application Support



Teledyne Hanson has a team of application support specialists to assist with challenging methods or general guidance.

- Dissolution
- Diffusion
- Physical Testing
- Sample Prep
- Method Development
- Batch Release
- Out of Specification (OOS)
- USP vs. ASTM calibration
- Training

About Teledyne Hanson

Teledyne Hanson, a division of Teledyne Instruments, Inc., is a global technology company specializing in test instruments for the pharmaceutical industry. Founded by the innovator of modern dissolution test technology, Teledyne Hanson helps ensure the world's pharmaceuticals are pure, safe, and effective by manufacturing equipment that sets the global standard for quality, innovation, and long-term value. Teledyne Hanson instruments are used by scientists in over 75 countries worldwide and are supported by the industry's top customer service team. For more information, visit www.teledynehanson.com.

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