



**PHARMA
TEST**

ADS-L

Online Automated
Dissolution Testing
Systems

Online Wirkstoff-
freigabe Prüfsysteme



www.pharma-test.com

ADS-L

Fully Automated Online Tablet Dissolution Systems

The ADS-L online dissolution systems combine the tablet dissolution apparatus with a powerful and fast-diode array spectrometer for rapid test results. The system is controlled by a specialized PC software controlling all instruments of the system and storing all test results. The system is fully integrated, the software comes pre-installed on the IPC built into the spectrometer. The systems increase productivity by allowing for unattended operation, increasing the reproducibility of results and by making data available quickly.

The complete system is supplied by Pharma Test.
We offer full system responsibility.

THE ADS-L ONLINE TABLET DISSOLUTION SYSTEMS CONSIST OF:

- > Pharma Test PTWS dissolution tester
- > TIDAS® L DAD UV/VIS spectrophotometer
- > 21 CFR Part 11 compliant WinDiss ARGUS dissolution Software (Windows 10 compatible)
- > A multi-channel pump

**100%
USP / JP / EP
compliant**



ADS-L 1420

Fully Automated Online Tablet Dissolution Testing System with 14+2 vessel Pharma Test dissolution tester PTWS 1420 – dissolution tester also available with 6, 8, or 12 (+2) vessel available



THE PTWS SERIES OFFERS FLEXIBLE CHOICE OF TABLET DISSOLUTION TESTER!

- > 6, 8, 12 or 14 vessel arrangement
- > Automated lift drive with programmable positions
- > Options for automated sampling manifold, tablet drop magazine and individual vessel temperature sensors
- > Dual stirring speed option
- > Color touch screen user interface
- > Easy to clean and to set up



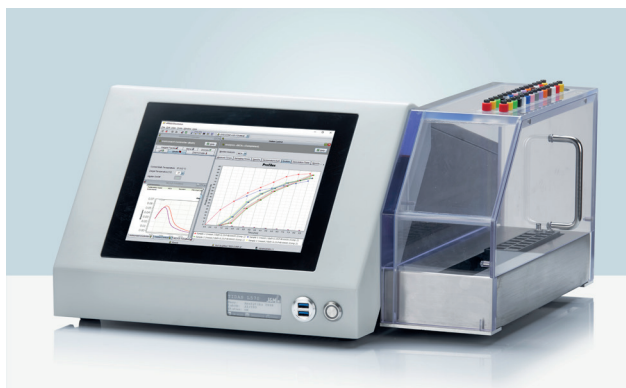
EXPANDED APPLICATIONS:

- > PT-DR Dispersion Releaser – A new dialysis-based apparatus to test nano- and microformulations
- > PTWS 820-MA Media Addition System – Perform automated media change by buffer addition ("half change")
- > IDS-L Fiber Optic Dissolution System – In-Situ measurements directly in the testing vessels with optimized probe design (upcoming)



WinDiss ARGUS Dissolution Software is a scientific dissolution data management software for instrument control, data acquisition, data management, processing and reporting:

- > Ensure regulatory compliance to 21CFR Part 11
- > Connect multiple dissolution systems to one central database
- > Detailed audit trail for electronic records
- > Exchange data with LIMS or enterprise document management systems (EDMS)



The TIDAS® L Fiber Optic Diode-Array Spectrometer was developed with the requirements of tablet dissolution testing in mind!

- > Certified optical fibers and optimized measuring cells ensure reliable measurement results
- > Multi-cell changer supports up to 14 cuvettes
- > Option to connect two fiber optic probes
- > Diode-array technology enables multi-component analysis
- > Integrated PC running the WinDiss ARGUS dissolution Software