



Small does big.

Our complete new concept in method management – save space in addition to a simplified handling.

**PHARMA
TEST**

PTWS 120D/S

Tablet Dissolution Tester



The new 6 station PTWS 120D/S tablet dissolution bath meets in all details the current specifications of the USP as well as those of the European Pharmacopeia (EP) and JP. The long-term and reliable operation includes well engineered, stable mechanics.

Advantages

- › More space in the operating area
- › Precise alignment of the test vessels and stirring tools
- › Large, clear LC Display
- › Completely new concept in method management
- › Data security protection
- › CAN bus technology
- › Higher energy efficiency

The unit is based on a sturdy aluminum base plate to which the lifter and mechanical head are attached. The user can easily program the reproducible lift positions. The new design of the lifter eases access to the dissolution vessels. All 6 test vessels are accessible from all sides of the unit. This facilitates trouble-free removal of the samples and the input of the dissolution media.

The touch sensitive screen allows operation even when wearing protective gloves, since it responds to pressure. The Quick Test "short-cut" option to start a measurement is possible without any restrictions; using only a few entries, a test can be started. Data is stored on a USER-SD card with almost unlimited storage.



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Specifications of the PTWS 120D/S

- > Fully USP and EP compliant
- > Resistive touch screen, 320x240 pixel color LCD, Illuminated
- > 8 programmable stirrer immersion positions (3 by 2 or 2 by 3 arrangement)
- > 2 different vessel arrangements possible (3 by 2 or 2 by 3)
- > Multiple level user access control with password control
- > External heating system
- > Speed Control: 25-250RPM
- > Energy saving, programmable "wake up" heater function and "sleep mode"
- > Pump for water circulation and 1500W heater for fast heating up
- > Built-in-calibration procedures
- > All CE/EMC certification provided
- > All IQ & OQ documents included



Further information
is available at

[www.pharma-test.com/
ptws-120d](http://www.pharma-test.com/ptws-120d)



[www.pharma-test.com/
ptws-120s](http://www.pharma-test.com/ptws-120s)

The 120D version is driven by a single electronically controlled DC motor and in the 120S version each stirrer is individually driven by a stepper motor with belt drive. With the CAN bus technology all relevant data can be processed and transferred from all connected control units and sensors are tested. Detected errors are stored or, if possible, corrected immediately. The control program allows the instrument administrator or device users to define and allocate these rights. The mechanical qualification of the device is supported by the system program. The user can define an "Infinity Test" time. The bath temperature and the stirrer speed can be user defined. The heating system produces a 30% faster heating rate of the water, which in turn leads to an increase in available testing time. For the first time a SLEEP mode has been introduced to control the heating system.

www.pharma-test.com

Options

- > Eco saving double walled vacuum water bath
- > 2 liter vessel version (can also be used with 1 liter vessels)
- > 250ml mini vessel set incl. mini paddle stirrers
- > Amber colored vessels for UV sensitive test materials
- > PT-RP80 serial report printer
- > Full range of certified validation tools available
- > Full range of MonoShafts™ stirring tools available