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TEST**

Lonesome worker.

The Automated Offline Dissolution system for easy handling and excellent reproducibility.

DFC-820SP

Semi-Automated
Dissolution Tester



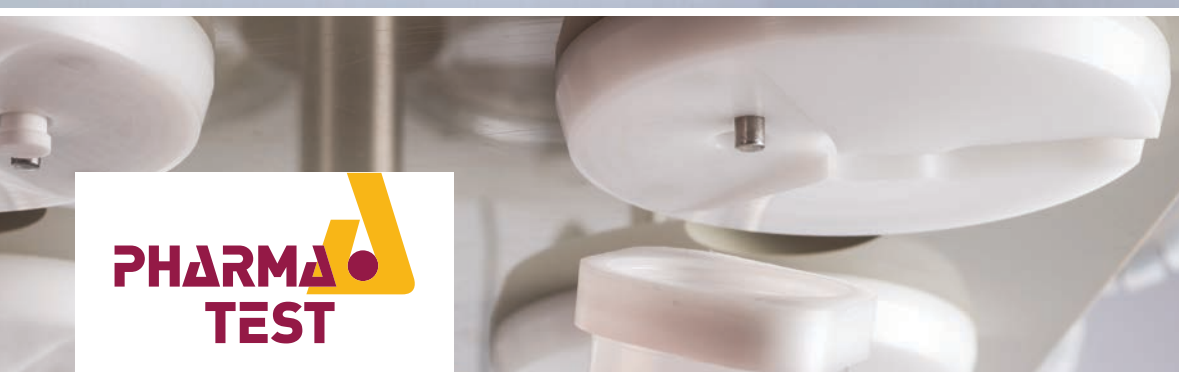
The new 8 station DFC-820SP Auto-Sampling Dissolution System meets in all details the current specifications of the USP as well as those of the European Pharmacopeia (EP) and JP. The long-term and reliable operation includes well engineered, stable mechanics.

Advantages

- › Unattended operation after start of dissolution run
- › Excellent reproducibility of sampling volumes and times
- › Automated sampling eliminates human errors

The system is composed of a PTWS 820D dissolution bath equipped with the EPE-820 motorized sampling system, a fraction collector PTFC-2/8SP which will collect the sampled dissolution media and a PT-SP8 syringe pump. As soon as the samples have been inserted the system will start its automated operation.

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 DFC-820SP

- › Fully USP <711/724> and EP <2.9.3/4> compliant
- › Resistive touch screen, 320x240 pixel color LCD, Illuminated
- › Automated withdrawal of samples at specified times via movable probes
- › 8 vessels arrangement (4 by 2 or 2 by 4)
- › External heating system
- › Multiple level user access control with password control
- › External PT-RP80 report printer
- › 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/dfc-820sp

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. The instrument can shut down both the heater and the circulation pump, if the unit is inactive for long periods. The system automatically switches itself back on until the set temperature is reached.

Options

- › ITM-820 individual media temperature monitoring system
- › Different pore size filter tips
- › TMA-820 automated tablet drop magazine
- › Full range of MonoShaft™ stirring tools available
- › Full range of certified validation tools available
- › Alternatively Ismatec peristaltic pump or CAT piston pump

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