

DISSOLUTION TESTER DIS 6000

In many laboratories, bench space is at a premium. The **DIS 6000** has been designed as a direct response to this problem. With a footprint of just 650 x 450 x 640 mm (w x d x h), the DIS 6000 is one of the most compact dissolution testers available on the market today.

The unit has **six stirred test vessels** arranged in two rows of three.

Heating is provided by an **independent digital 1250 W heater/circulator**, which obviates the need for priming and can be quickly removed for cleaning, without compromising the whole tester.

The digital heater/circulator is fitted with a special low vibration impellor which in comprehensive tests has proved to be equal to or less, in terms of vibration measurements than an independent heater/circulator.

A low water-level and over-temperature cut-out is provided as standard.

A common complaint from customers is that their existing tester is overly complex with unnecessary software functionality for day-to-day use. For this reason, considerable attention was given in the design to ensuring that the number of actions necessary to perform a test was kept to a minimum. Once the test sequence has been initiated, all that is necessary to start the test is to input the nominal rpm and nominal temperature required, together with the duration of the test and the report interval (the time interval during the test at which the actual rpm and temperature is logged and subsequently reported), introduce the samples and press START.

During the test the following information is shown on the display:

- Nominal and actual rpm
- Nominal and actual temperature
- Preset test duration and time elapsed



Dissolution Tester DIS 6000 ▲

An audible alarm alerts the user that the test is completed.

The dissolution tester is provided with both parallel and USB ports as standard for print-out of time, date, bath identification, serial number and date of calibration, together with the speed and temperature at operator selectable time intervals during the test.

A bi-directional RS232 Interface on the back panel allows communication with external devices and incorporation into automated systems. In all other respects, the Dissolution Tester DIS 6000 is similar in construction to the DIS 8000 described on the preceding pages.



Cat. No. Description

1311	Dissolution Tester DIS 6000 (incl. 6 Drive Shafts)
1302B	Set of 6 Baskets (Ph.Eur./USP Method 1)
1304B	Set of 6 Paddles (Ph.Eur./USP Method 2)
1307	Printer (including USB Cable)
1207	Electronic Temperature Calibration Kit
1309	IQ/OQ/PQ Documentation Pack

Extra for Laser Numbering and Certification

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