



Máy đo độ hòa tan 08 vị trí mẫu, Model: DIS 8000



## Quality Solutions for the Testing of Pharmaceuticals

2016 EDITION

TABLETS AND CAPSULES • SUPPOSITORIES • TRANSDERMALS  
DETERGENTS • POWDERS AND GRANULES • CREAMS AND OINTMENTS



◀ Disintegration Tester DTG 1000



Disintegration Tester DTG 2000 ▶

## DISINTEGRATION TESTERS SERIES DTG

The Disintegration Tester Series DTG is the result of over 50 years' experience in the field of pharmaceutical testing.

The Testers have been specifically designed for use in the quality and production control of normal, plain coated and delayed release coated tablets and gelatin capsules in accordance with the specifications as laid down in European, United States and associated Pharmacopoeias.

The series is available with one (DTG 1000), two (DTG 2000), three (DTG 3000) or four (DTG 4000) test stations. Each individual test station is capable of accepting one batch of six tablets or capsules.

Foremost in the design specification were those features that you, the user, identified as being essential to the "ideal" disintegration tester.

### PHARMAPOEIAL COMPLIANCE AND QUALIFICATION

The most critical factors in the design of any disintegration tester are (a) that it complies with the respective Pharmacopoeia, (b) that this compliance can be proved or qualified and (c) that both compliance and qualification are documented.

Copley offers a three tier approach to address these points:

- **Certificate of Compliance to USP/ Ph.Eur.:** Provided free of charge with each unit. This is a written statement that the product, by design, complies with the current pharmacopoeial specifications.
- **Laser Numbering and Certification:** Identification and measurement of critical components to provide documented verification of compliance with current pharmacopoeial specifications. Available as an optional service.
- **IQ/OQ/PQ Qualification Documentation:** Comprehensive documentation to guide the user through the installation, operating and performance checks of the equipment in its operating environment, using specified test protocols. This optional service provides a comprehensive record of the suitability of the equipment to perform its specified task, to be created and archived.

Please see the ordering information for further details on our verification and qualification services.

### DESIGN AND CONSTRUCTION

All of the DTG series feature a robust **all metal** construction. The motor drive employed operates at a fixed speed of 30 rpm (+/- 1) and a stroke of 55 mm (+/- 1).

Depending on the model, the DTG has the capacity of testing one, two, three or four different tablet batches of six tablets/capsules simultaneously, under identical test conditions.

The control of all models is provided by a membrane keypad linked to a 4-line, 20 character, back-lit LCD screen, which together with the electronics is mounted in the head of the instrument so as to avoid any accidental spillages in the test area.

Particular attention has been given to the design of the basket rack assembly in respect of its removal and cleaning.

The novel "**quick-release**" basket design not only provides a firm and rigid location for the basket during operation, but also allows the basket to be removed from the instrument for rapid cleaning.

Another unique feature of the basket design is the use of **thumb screws** to hold the various components together.



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