

PAT™

Computer Logging Module

Data acquisition module for PAT adhesion testers

Either in-built in the following PAT automatic adhesion testing models

AT101E/6.3kN
AT101E/20kN
AT101E/40kN
AT101E/80kN
AT101E/1kN

or retro-fitted into the above equipment models.

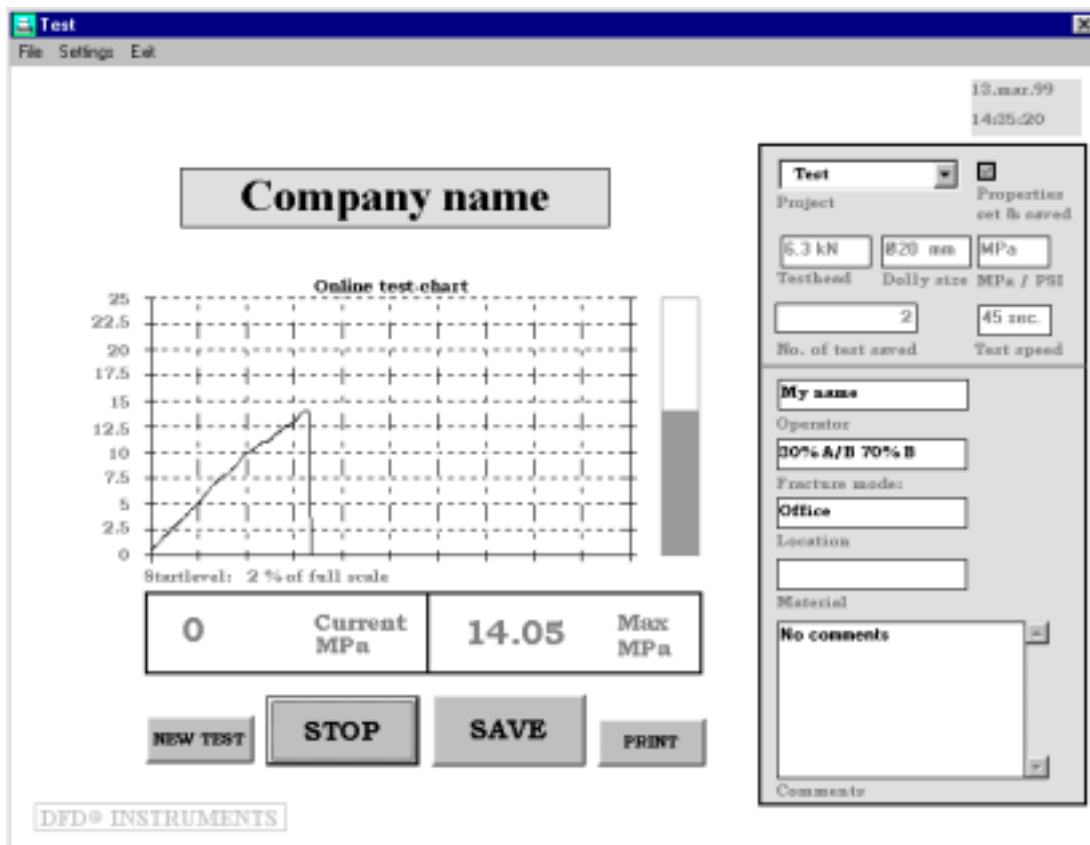


Fig. 1 Testing screen with mouse click operation of the adhesion tester

Optional Extras

Computer controlled tensile stress increase rate

Alternative transducer for +/- 0.2% accuracy (on-screen readings only)

User Features

Each test is plotted (materials stress as a function of time, MPa or psi) real-time and with a recording of maximum stress before fracture.

Enter Testing Head model, Test Cylinder size into the computer and the test results can be read directly on the graph and statistically.

All relevant coatings data are included in the test reports.

Text fields are available for added information in the test reports

The system is Windows-operated and generates test result with greater resolution than what is possible with the gauge on the manual models (two decimal points).

The system is a unique way of storing test data and compiling the data into a complete adhesion record filing system for continuous research and QC use.

A very comprehensive report generating facility.

Authoritative, conclusive and very effective test reports.

Number	Test date	Test time	Max value	Fracture mode	Status
1	01.01.99	20:00:20	5.875	XXX	Normal
2	01.01.99	21:00:00	3.000	XXX	Normal
3	01.01.99	21:20:20	6.200	XXX	Normal
4	01.01.99	21:40:00	3.8876	XXX	Normal
5	01.01.99	21:42:20	4.5625	XXX	Normal
6	01.01.99	21:49:44	3.7876	XXX	Normal
7	01.01.99	21:50:10	2.5625	XXX	Normal
8	01.01.99	21:50:30	5.6250	XXX	Normal
9	01.01.99	21:50:41	3.2000	XXX	Normal
10	01.01.99	21:51:04	2.9125	XXX	Normal

Fig. 3 List of all the tests for each project with key data

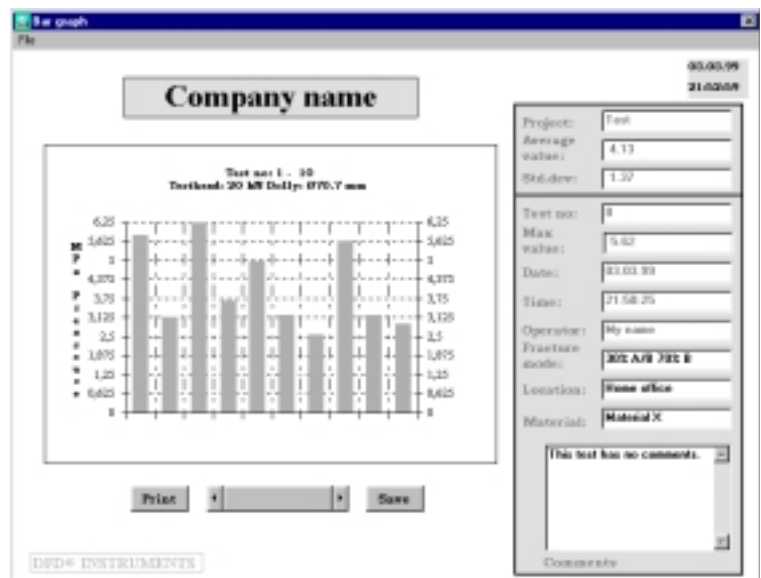


Fig. 2 Bar charts of all the tests grouped under project names.



Other adhesion testing products from DFD® Instruments

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