



**Hanson Research Corporation**  
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2/93

**MAESTRO™ Windows-based Dissolution Software System**  
*Product Specification Bulletin*



Hanson Research introduces the next advance in dissolution testing, the PC-controlled, Windows-based **MAESTRO** Dissolution Software System.

With **MAESTRO**, you can use your own PC computer to set SRII test station RPM and bath temperature, program Dissoette II sampling protocol, program Beckman DUi spectrophotometer for UV analysis, and collect data & print complete test report.

As well, **MAESTRO** allows you to operate up to 4 dissolution test stations at once, and even run two different products!

**NEW FROM HANSON!**

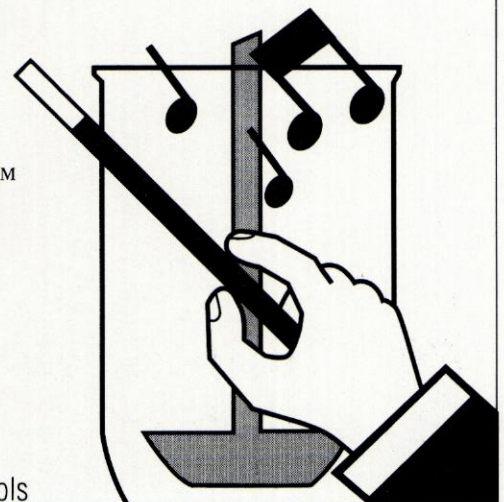
INTRODUCING  
**MAESTRO™**

THE NEW WINDOWS®-BASED  
 DISSOLUTION SOFTWARE SYSTEM

Now your PC keyboard *controls it all:*

- Set Bath Speed and Temperature
- Set Sample Times and Sampling Protocols
- Drop Tablets, Start Test, etc.
- Run up to 4 Tests at once

LET **MAESTRO™** ORCHESTRATE YOUR DISSOLUTION TESTING



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*Packaging – Processing*  
**Bid on Equipment**

1-847-683-7720

[www.bid-on-equipment.com](http://www.bid-on-equipment.com)

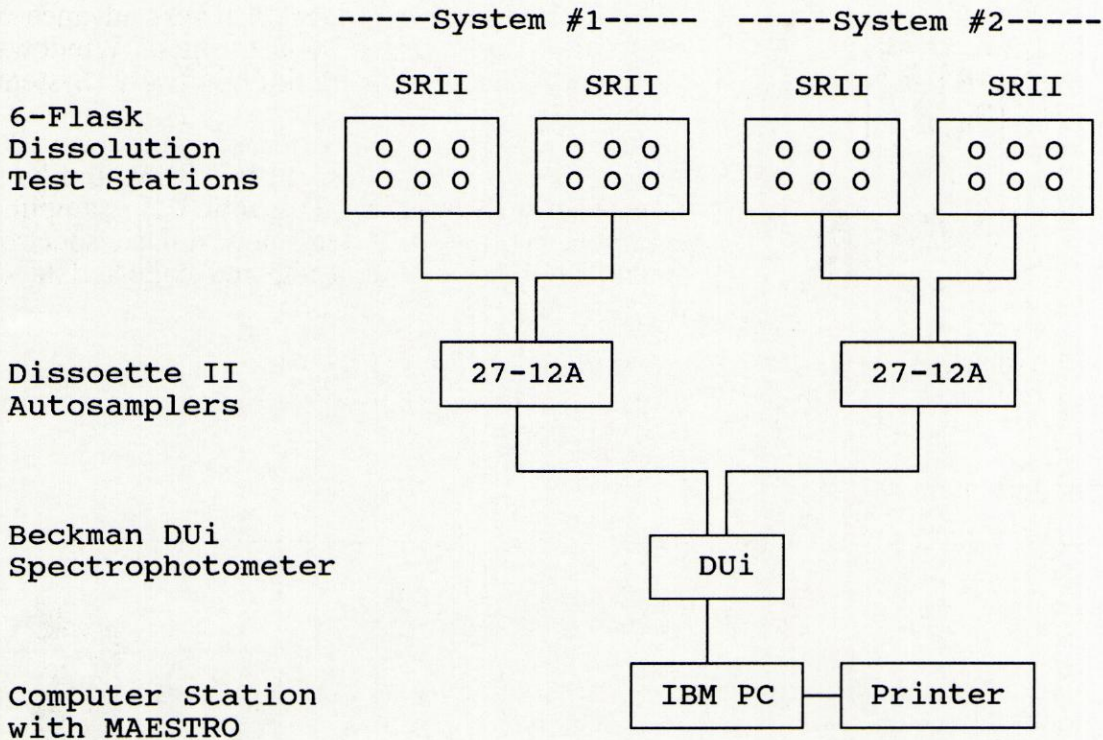
**See us at: PITTCON '93, Booth 665**



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**MAESTRO Windows-based Dissolution Software System**

**SYSTEM DIAGRAM**



**SYSTEM OPERATION**

**MAESTRO** can run one or two Dissoette II autosamplers. Each Dissoette can run one or two SRII dissolution test stations. Both Dissoettes will feed into one Beckman DUi spectrophotometer (using separate flow cells in multi-cell transport.) Each Dissoette can run sampling protocol with sampling intervals *completely independent of the other*. Therefore, system #1 (above) may run one product & protocol, while system #2 may run an entirely different product & protocol. All command programming is set on the PC computer with **MAESTRO** software.

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# MAESTRO™

## MAIN SCREEN

ToolBox for easy access to most often used functions...

Tolerance lamps inform you of bath readiness...

Password protection

Time of Day Clock

Bath 1: C:\ASPIRIN.SIP  
SAMPLER Flow Cell Full  
SPECTRO A1 ABS: 0.5370 Report  
VALIDATA 00:05, 50.0 RPM, 32.0°C  
Speed ± 50.0 RPM 32.0 °C  
Temp ± <STATUS> 00:06 ET  
Report: D:\EXCEL\BATH1.XLS

Bath 2: C:\ASPIRIN.SIP  
SAMPLER Ready...  
SPECTRO CALIB NEEDED Report  
VALIDATA 00:05, 50.0 RPM, 32.0°C  
Speed ± 50.0 RPM 32.0 °C  
Temp ± <STATUS> 00:06 ET  
Report: D:\EXCEL\BATH2.XLS

Bath 3: C:\CALTEST.SIP  
SAMPLER Sampling...  
SPECTRO A1 ABS: 0.5370 Report  
VALIDATA 01:00, 50.0 RPM, 32.0 °C  
Speed ± 100.0 RPM 37.0 °C  
Temp ± <STATUS> 01:02 ET  
Report: D:\EXCEL\BATH3.XLS

Bath 4: C:\CALTEST.SIP  
SAMPLER Sample 01 of 05 at 01:00  
SPECTRO Report  
VALIDATA  
Speed ± 100.0 RPM 37.0 °C  
Temp ± <STATUS> 00:57 ET

10 45 57

Immediately know the status of your:

Auto Sampler

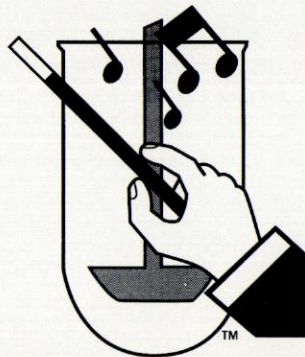
Spectrophotometer

Water Bath

Instant access to test results... even during the test

Maestro logs bath performance during the test for easy validation...

Integrated and automated test setup, implementation and data acquisition in one package...



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