

Industry News

Logan Instruments Introduces the Electronic Performance Validation Testing Toolset “EPVT-1200 system”

Logan Instruments has developed the “EPVT-1200 system” for USP apparatus 1 and 2 Performance Validation Tests, aimed at revolutionizing the validation process of dissolution testers. This innovative digital toolset performs and records dissolution validation performance electronically, thereby eliminating the uncertainties associated with manual recording methods.

This cutting-edge validation toolset seamlessly conducts a comprehensive array of validations, including temperature, speed, shaft/paddle/basket wobbles, shaft/vessel centering, shaft/vessel verticality, and height adjustment.

The report is conveniently displayed on the PC screen, enabling immediate analysis. The options to record data directly onto the hard drive and print reports are also available. The results can be transferred to the Logan dissolution testers for spot-checking. With the implementation of this advanced toolset, the need for manual transfer of data is eliminated, ensuring compliance with FDA CFR 21 part 11 regulations.

For more information, please contact infoDT@loganinstruments.com.

LOGAN
INSTRUMENTS CORP.

ECT 1200
USP 1&2 Performance Test Report

UDT Serial Number: _____ UDT Position: 0
Validation Date & Time: 0000/00/00 00:00:00 UDT Model: _____

Vessel Plate Level Validation		
Measurement A	Measurement B	Conclusion
0	0	False

Vessels Validation

Vessels Volume: 0 mL

Position	Vessel Serial Number	Centering Measurement A (0.5mm)	Centering Measurement B (0.5mm)	Conclusion	Verticality Measurement A (0.5mm)	Verticality Measurement B (0.5mm)	Conclusion

Shafts/Paddles/Baskets Validation

Position	Shaft ID	Paddle ID	Verticality of Shaft Measurement A (0.5m)	Verticality of Shaft Measurement B (0.5m)	Conclusion	Shaft Paddle Wobble (0.5m)	Conclusion	Basket D	Basket Wobble (0.5m)	Conclusion	Height Adjustment (± 2mm)	Conclusion

Speed Validation

UDT Speed 1 : 0 RPM UDT Speed 2 : 0 RPM

Position	Speed Check 1(±1RPM)	Speed Check 2(±1RPM)	Conclusion

Temperature Validation

Temperature setting: 0 Celsius

Position	Vessel Serial Number	Vessel Temperature(±1 Celsius)	Conclusion

Water Bath Temperature(±1 Celsius) _____ Conclusion _____
 0 _____ False _____

Performer : _____ Date : _____
 Signature _____ (MM/DD/YY)

Approved By : _____ Date : _____
 Signature _____ (MM/DD/YY)

Report Location: C:\Logan Instruments\EPVT\Report\Validation Report_00_00000000000000000000000000000000.pdf

